

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Michael Anthony Aldridge  
**Agency:** Charlotte-Mecklenburg Police Department  
**Permit Number:** 120

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 6890 Gas Chromatograph	07/01/06	07/01/08
Agilent 6890 Gas Chromatograph	07/01/04	07/01/06
Agilent 6890 Gas Chromatograph	07/01/02	07/01/04
Agilent 6890 Gas Chromatograph	07/01/00	07/01/02

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 02/01/72.

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jennifer Price Mills

**Agency:** Charlotte-Mecklenburg Police Department

**Permit Number:** 200

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 6890 Gas Chromatograph	07/01/06	07/01/08
Agilent 6890 Gas Chromatograph	07/01/04	07/01/06
Agilent 6890 Gas Chromatograph	07/01/02	07/01/04
Agilent 6890 Gas Chromatograph	07/01/00	07/01/02

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 06/25/80.

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Richard Woosley Waggoner, Jr.  
**Agency:** City-County Bureau of Identification  
**Permit Number:** 332

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	04/04/22	04/01/24
Agilent GC/MS (7890/5875)	04/04/22	04/01/24
ELISA-Tecan Freedom EVO 75	04/04/22	04/01/24
Shimadzu LC/MS-MS	04/04/22	04/01/24
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	05/21/20	05/01/22
Agilent GC/MS (7890/5875)	05/21/20	05/01/22
ELISA-Tecan Freedom EVO 75	05/21/20	05/01/22
Shimadzu LC/MS-MS	05/21/20	05/01/22
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	09/01/18	09/01/20
Agilent GC/MS (7890A/5875C)	09/01/18	09/01/20
ELISA-Tecan Freedom EVO 75	09/01/18	09/01/20
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	11/01/16	11/01/18
Agilent GC/MS (7890A/5875C)	11/01/16	11/01/18
ELISA-Tecan Freedom EVO 75	11/01/16	11/01/18
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	01/05/15	01/01/17
Agilent GC/MS (7890A/5875C)	01/05/15	01/01/17
ELISA-Tecan Freedom EVO 75	01/05/15	01/01/17
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	03/11/14	03/01/16
Hewlett-Packard GC/MS (6890/5973)	03/11/14	03/01/16
Agilent Technologies GC/MS	03/11/14	03/01/16
ELISA Tecan Freedom EVO 75	03/11/14	03/01/16

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 05/20/94.

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Aaron Michael Joncich  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 335

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/01/21	10/01/23
Agilent Technologies GC/MS	10/01/21	10/01/23
ELISA Tecan Freedom EVO 75 and 150	10/01/21	10/01/23
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/01/21	10/01/23
SCIEX X500R LC-QTOF-MS	10/01/21	10/01/23
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LC-QTOF-MS	01/10/20	01/01/22
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/03/19	10/01/21
Agilent Technologies GC/MS	10/03/19	10/01/21
ELISA Tecan Freedom EVO 75 and 150	10/03/19	10/01/21
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/03/19	10/01/21
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	02/01/18	02/01/20
Hewlett-Packard GC/MS (6890/5973)	02/01/18	02/01/20
Agilent Technologies GC/MS	02/01/18	02/01/20
ELISA Tecan Freedom EVO 75 and 150	02/01/18	02/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	02/01/18	02/01/20

<p>This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 10/07/94.</p>
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Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** William Christopher Stark  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 337

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/09	08/01/11
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	08/01/09	08/01/11
EMIT	08/01/09	08/01/11
ELISA	08/01/09	08/01/11
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/07	08/01/09
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	08/01/07	08/01/09
EMIT	08/01/07	08/01/09
ELISA	08/01/07	08/01/09
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/05	08/01/07
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	08/01/05	08/01/07
EMIT	08/01/05	08/01/07
ELISA	08/01/05	08/01/07
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/03	08/01/05
Hewlett-Packard GC/MS (6890/5973)	08/01/03	08/01/05
EMIT	08/01/03	08/01/05
ELISA	08/01/03	08/01/05
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/01	08/01/03
Hewlett-Packard GC/MS (6890/5973)	08/01/01	08/01/03
EMIT	08/01/01	08/01/03
ELISA	08/01/01	08/01/03

<p>This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 05/01/96.</p>
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Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Linda Erth Farren  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 339

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	05/01/16	05/01/18
Hewlett-Packard GC/MS (6890/5973)	05/01/16	05/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	05/01/16	05/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	05/01/16	05/01/18
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	05/16/14	05/01/16
Hewlett-Packard GC/MS (6890/5973)	05/16/14	05/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	05/16/14	05/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	05/16/14	05/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	03/11/14	03/01/16
Hewlett-Packard GC/MS (6890/5973)	03/11/14	03/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	03/11/14	03/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/19/12	09/01/14
Hewlett-Packard GC/MS (6890/5973)	09/19/12	09/01/14
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/19/12	09/01/14

<p>This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 04/11/03.</p>
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Department of Health and Human Services  
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Individual Permit History for Blood Analysis

**Name:** Dee Anne Johnson

**Agency:** Charlotte-Mecklenburg Police Department

**Permit Number:** 340

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 6890 Gas Chromatograph	08/01/08	08/01/10
Agilent 6890 Gas Chromatograph	07/01/06	07/01/08
Agilent 6890 Gas Chromatograph	05/05/05	05/01/07

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 05/05/05.

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**Name:** Robert Ward Evans  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 341

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 and 450 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/11	08/01/13
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	08/01/11	08/01/13
EMIT	08/01/11	08/01/13
ELISA	08/01/11	08/01/13
Varian 3800 and 450 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/09	08/01/11
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	08/01/09	08/01/11
EMIT	08/01/09	08/01/11
ELISA	08/01/09	08/01/11
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/07	08/01/09
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	08/01/07	08/01/09
EMIT	08/01/07	08/01/09
ELISA	08/01/07	08/01/09
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	07/13/06	07/01/08
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	07/13/06	07/01/08
EMIT	07/13/06	07/01/08
ELISA	07/13/06	07/01/08

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 07/13/06.
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**Name:** Megan Elizabeth Hancock (previously Brochin)  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 342

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	11/01/09	11/01/11
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	11/01/09	11/01/11
EMIT	11/01/09	11/01/11
ELISA	11/01/09	11/01/11
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	11/26/07	11/01/09
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	11/26/07	11/01/09
EMIT	11/26/07	11/01/09
ELISA	11/26/07	11/01/09

Department of Health and Human Services  
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**Name:** Jennifer Jean Lindley  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 343

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 and 450 Gas Chromatograph w/ CTC Headspace Autosampler	04/01/10	04/01/12
Hewlett-Packard GC/MS (6890/5973)	04/01/10	04/01/12
Agilent Technologies GC/MS	04/01/10	04/01/12
EMIT	04/01/10	04/01/12
ELISA	04/01/10	04/01/12
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	02/08/08	02/01/10
Hewlett-Packard GC/MS (6890/5973)	02/08/08	02/01/10
EMIT	02/08/08	02/01/10
ELISA	02/08/08	02/01/10

Department of Health and Human Services  
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**Name:** Monica Zsane Phillips  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 344

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	04/01/10	04/01/12
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	04/01/10	04/01/12
EMIT	04/01/10	04/01/12
ELISA	04/01/10	04/01/12
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	04/01/08	04/01/10
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	04/01/08	04/01/10
EMIT	04/01/08	04/01/10
ELISA	04/01/08	04/01/10

Department of Health and Human Services  
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**Name:** Kemika Daniels Alloway  
**Agency:** Charlotte-Mecklenburg Police Department  
**Permit Number:** 345

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	06/25/10	06/01/12
Agilent 6890 Gas Chromatograph	06/25/10	06/01/12
Agilent 6890 Gas Chromatograph	08/01/08	08/01/10

Department of Health and Human Services  
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**Name:** Matthew Cecil Mathis

**Agency:** Charlotte-Mecklenburg Police Department

**Permit Number:** 346

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 6890 Gas Chromatograph	08/01/08	08/01/10

Department of Health and Human Services  
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**Name:** Stefanie Ann Raysich  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 347

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/19/12	09/01/14
Hewlett-Packard GC/MS (6890/5973)	09/19/12	09/01/14
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/19/12	09/01/14
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	10/01/10	10/01/12
Hewlett-Packard GC/MS (6890/5973)	10/01/10	10/01/12
- Agilent Technologies GC/MS		
EMIT	10/01/10	10/01/12
ELISA	10/01/10	10/01/12
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	10/06/08	10/01/10
Hewlett-Packard GC/MS (6890/5973)	10/06/08	10/01/10
- Agilent Technologies GC/MS		
EMIT	10/06/08	10/01/10
ELISA	10/06/08	10/01/10

Department of Health and Human Services  
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**Name:** Shelia Kay Bayler  
**Agency:** City-County Bureau of Identification  
**Permit Number:** 348

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Agilent GC/MS (7890A/5975C)	07/01/16	07/01/18
ELISA –Tecan Freedom Evo 75	07/01/16	07/01/18
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	09/01/14	09/01/16
Agilent GC/MS (7890A/5975C)	09/01/14	09/01/16
ELISA –Tecan Freedom Evo 75	09/01/14	09/01/16
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	09/01/12	09/01/14
Agilent GC/MS (7890A/5975C)	09/01/12	09/01/14
ELISA –Tecan Freedom Evo 75	09/01/12	09/01/14
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	10/01/10	10/01/12
Hewlett-Packard GC/MS (6890/5973)	10/01/10	10/01/12
- Agilent Technologies GC/MS		
EMIT	10/01/10	10/01/12
ELISA	10/01/10	10/01/12
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	10/13/08	10/01/10
Agilent Technologies GC/MS	10/13/08	10/01/10
EMIT	10/13/08	10/01/10
ELISA	10/13/08	10/01/10

Department of Health and Human Services  
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**Name:** Brian Keith King  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 349

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	01/01/11	01/01/13
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	01/01/11	01/01/13
Hewlett-Packard GC/MS (6890/5973) -Agilent GC/MS (7890/5975)	01/01/11	01/01/13
EMIT	01/01/11	01/01/13
ELISA	01/01/11	01/01/13
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	01/06/09	01/01/11
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	01/06/09	01/01/11
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	01/06/09	01/01/11
EMIT	01/06/09	01/01/11
ELISA	01/06/09	01/01/11



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**Name:** Sarah Beth Williams  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 350

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	01/01/11	01/01/13
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	01/01/11	01/01/13
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	01/01/11	01/01/13
EMIT	01/01/11	01/01/13
ELISA	01/01/11	01/01/13
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	01/06/09	01/01/11
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	01/06/09	01/01/11
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	01/06/09	01/01/11
EMIT	01/06/09	01/01/11
ELISA	01/06/09	01/01/11

Department of Health and Human Services  
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**Name:** Hope Linnette Copeland  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 351

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	01/12/09	01/01/11
Agilent Technologies GC/MS	01/12/09	01/01/11
EMIT	01/12/09	01/01/11
ELISA	01/12/09	01/01/11

Department of Health and Human Services  
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**Name:** Ann Michelson Charlesworth  
**Agency:** Charlotte-Mecklenburg Police Department  
**Permit Number:** 352

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	03/01/22	03/01/24
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/20	04/01/22
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/18	04/01/20
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/18	04/01/20
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/16	04/01/18
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/14	04/01/16
Agilent 6890 Gas Chromatograph	04/01/14	04/01/16
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/12	04/01/14
Agilent 6890 Gas Chromatograph	04/01/12	04/01/14
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	06/25/10	06/01/12
Agilent 6890 Gas Chromatograph	06/25/10	06/01/12
Agilent 6890 Gas Chromatograph	02/25/09	02/01/11

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**Name:** Lori Allyne Knops  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 353

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Thermo Trace GC Ultra w/ Thermo TriPlus Autosampler, XCaliber Chromatography Workstation	6/14/13	6/01/15
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	06/01/11	06/01/13
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	06/01/11	06/01/13
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	06/01/11	06/01/13
EMIT	06/01/11	06/01/13
ELISA	06/01/11	06/01/13
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	06/29/09	06/01/11
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	06/29/09	06/01/11
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	06/29/09	06/01/11
EMIT	06/29/09	06/01/11
ELISA	06/29/09	06/01/11

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**Name:** Justin Kale Sigmon  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 354

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	06/01/11	06/01/13
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	06/01/11	06/01/13
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	06/01/11	06/01/13
EMIT	06/01/11	06/01/13
ELISA	06/01/11	06/01/13
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	06/29/09	06/01/11
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	06/29/09	06/01/11
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	06/29/09	06/01/11
EMIT	06/29/09	06/01/11
ELISA	06/29/09	06/01/11

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**Name:** Erin Ashley Luper  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 355

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	06/29/09	06/01/11
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	06/29/09	06/01/11
EMIT	06/29/09	06/01/11
ELISA	06/29/09	06/01/11

Department of Health and Human Services  
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**Name:** Bethany Patrice Pridgen  
**Agency:** Wilmington Police Department  
**Permit Number:** 356

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Thermo Scientific Trace GC Ultra and Trace 1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/18	05/01/20
Thermo Scientific Trace GC Ultra and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/16	05/01/18
Thermo Scientific Trace GC Ultra and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/14	05/01/16
Thermo Scientific Trace GC Ultra w/TriPlus Headspace Autosampler and Flame Ionization Detector	09/19/13	09/01/15
Thermo Scientific Trace GC Ultra w/TriPlus Headspace Autosampler and Flame Ionization Detector	08/17/11	08/17/13
Thermo Scientific Trace GC Ultra w/TriPlus Headspace Autosampler and Flame Ionization Detector	08/17/09	08/17/11

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Irvin Lee Allcox  
**Agency:** City-County Bureau of Identification  
**Permit Number:** 357

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	06/01/18	06/01/20
Agilent GC/MS (7890A/5975C)	06/01/18	06/01/20
ELISA –Tecan Freedom Evo 75	06/01/18	06/01/20
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Agilent GC/MS (7890A/5975C)	07/01/16	07/01/18
ELISA –Tecan Freedom Evo 75	07/01/16	07/01/18
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	09/01/14	09/01/16
Agilent GC/MS (7890A/5975C)	09/01/14	09/01/16
ELISA –Tecan Freedom Evo 75	09/01/14	09/01/16
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	09/01/12	09/01/14
Agilent GC/MS (7890A/5975C)	09/01/12	09/01/14
ELISA –Tecan Freedom Evo 75	09/01/12	09/01/14
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/11	08/01/13
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	08/01/11	08/01/13
EMIT	08/01/11	08/01/13
ELISA	08/01/11	08/01/13
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/17/09	08/01/11
Agilent Technologies GC/MS	08/17/09	08/01/11
EMIT	08/17/09	08/01/11
ELISA	08/17/09	08/01/11



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Michael Todd Huml  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 358

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	02/08/10	02/01/12
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	02/08/10	02/01/12
EMIT	02/08/10	02/01/12
ELISA	02/08/10	02/01/12

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Amanda Brooke Motsinger  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 359

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/14	08/01/16
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	08/01/14	08/01/16
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	08/01/14	08/01/16
EMIT	08/01/14	08/01/16
ELISA	08/01/14	08/01/16
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	07/12/12	07/01/14
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	07/12/12	07/01/14
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	07/12/12	07/01/14
EMIT	07/12/12	07/01/14
ELISA	07/12/12	07/01/14
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	06/25/10	06/01/12
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	06/25/10	06/01/12
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	06/25/10	06/01/12
EMIT	06/25/10	06/01/12
ELISA	06/25/10	06/01/12

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jennifer Susan Leiser  
**Agency:** Charlotte-Mecklenburg Police Department  
**Permit Number:** 360

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/14	04/01/16
Agilent 6890 Gas Chromatograph	04/01/14	04/01/16
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/12	04/01/14
Agilent 6890 Gas Chromatograph	04/01/12	04/01/14
Agilent 6890 Gas Chromatograph	06/25/10	06/01/12
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	06/25/10	06/01/12

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lori Ann Richards  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 361

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	07/01/10	07/01/12
Agilent 7890A GC		
Agilent Technologies GC/MS	07/01/10	07/01/12
EMIT	07/01/10	07/01/12
ELISA	07/01/10	07/01/12

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Melanie Stancil Thornton  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 362

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LEAP Technologies Combi-Pal Autosamplers	07/26/23	07/01/25
Agilent 7890 Gas Chromatographs	07/26/23	07/01/25
Agilent Mass Spectrometers (GC/MS)	07/26/23	07/01/25
ELISA Tecan Freedom EVO 75 and 150	07/26/23	07/01/25
Waters Acquity Xevo TQD Liquid Chromatograph	07/26/23	07/01/25
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	07/26/23	07/01/25
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/01/21	10/01/23
Agilent Technologies GC/MS	10/01/21	10/01/23
ELISA Tecan Freedom EVO 75 and 150	10/01/21	10/01/23
Waters Acquity Xevo TQD Liquid Chromatograph	10/01/21	10/01/23
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	10/01/21	10/01/23
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph	01/10/20	01/01/22
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	01/10/20	01/01/22
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/03/19	10/01/21
Agilent Technologies GC/MS	10/03/19	10/01/21
ELISA Tecan Freedom EVO 75 and 150	10/03/19	10/01/21
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/03/19	10/01/21

<p>This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 07/01/10.</p>
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Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Frank Wayne Lewallen  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 363

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LEAP Technologies Combi-Pal Autosamplers	07/26/23	07/01/25
Agilent 7890 Gas Chromatographs	07/26/23	07/01/25
Agilent Mass Spectrometers (GC/MS)	07/26/23	07/01/25
ELISA Tecan Freedom EVO 75 and 150	07/26/23	07/01/25
Waters Acquity Xevo TQD Liquid Chromatograph	07/26/23	07/01/25
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	07/26/23	07/01/25
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/01/21	10/01/23
Agilent Technologies GC/MS	10/01/21	10/01/23
ELISA Tecan Freedom EVO 75 and 150	10/01/21	10/01/23
Waters Acquity Xevo TQD Liquid Chromatograph	10/01/21	10/01/23
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	10/01/21	10/01/23
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph	01/10/20	01/01/22
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	01/10/20	01/01/22
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/03/19	10/01/21
Agilent Technologies GC/MS	10/03/19	10/01/21
ELISA Tecan Freedom EVO 75 and 150	10/03/19	10/01/21
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/03/19	10/01/21

<p>This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 10/07/11.</p>
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Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Amy Lynn Hutson  
**Agency:** Wilmington Police Department  
**Permit Number:** 364

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Thermo Scientific Trace GC Ultra and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/18	05/01/20
Thermo Scientific Trace GC Ultra and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/16	05/01/18
Thermo Scientific Trace GC Ultra and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/14	05/01/16
Thermo Scientific Trace GC Ultra w/TriPlus Headspace Autosampler and Flame Ionization Detector	03/12/12	03/12/14

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lillian Ngong  
**Agency:** Charlotte-Mecklenburg Police Department  
**Permit Number:** 365

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	03/01/22	03/01/24
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/20	04/01/22
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/18	04/01/20
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/16	04/01/18
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID) Agilent 6890 Gas Chromatograph	04/01/14	04/01/16
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID) Agilent 6890 Gas Chromatograph	04/01/12	04/01/14



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Natasha Alexandra Testa  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 366

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973)	09/09/14	09/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16
Varian 3800 and Agilent 7890 Gas Chromatograph w/ LEAP Technologies Combi-Pal Autosampler and Varian Star Chromatography Workstation	09/16/13	09/01/15

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Paige Katherine Gardner  
**Agency:** City-County Bureau of Identification  
**Permit Number:** 367

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	04/04/22	04/01/24
Agilent GC/MS (7890/5875)	04/04/22	04/01/24
ELISA-Tecan Freedom EVO 75	04/04/22	04/01/24
Shimadzu LC/MS-MS	04/04/22	04/01/24
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	05/21/20	05/01/22
Agilent GC/MS (7890/5875)	05/21/20	05/01/22
ELISA-Tecan Freedom EVO 75	05/21/20	05/01/22
Shimadzu LC/MS-MS	05/21/20	05/01/22
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LCTOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	04/01/18	04/01/20
Hewlett-Packard GC/MS (6890/5973)	04/01/18	04/01/20
Agilent Technologies GC/MS	04/01/18	04/01/20
ELISA Tecan Freedom EVO 75	04/01/18	04/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	04/01/18	04/01/20

<p>This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 12/11/13.</p>
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Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Evan Michael Lowery  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 368

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Hewlett-Packard GC/MS (6890/5973)	07/01/16	07/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	07/01/16	07/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	07/01/16	07/01/18
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973)	09/09/14	09/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	12/12/13	12/01/15
Hewlett-Packard GC/MS (6890/5973)	12/12/13	12/01/15
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	12/12/13	12/01/15

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Danielle Marie (Andersen) O’Connell  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 369

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LEAP Technologies Combi-Pal Autosamplers	07/26/23	07/01/25
Agilent 7890 Gas Chromatographs	07/26/23	07/01/25
Agilent Mass Spectrometers (GC/MS)	07/26/23	07/01/25
ELISA Tecan Freedom EVO 75 and 150	07/26/23	07/01/25
Waters Acquity Xevo TQD Liquid Chromatograph	07/26/23	07/01/25
Tandem Mass Spectrometry SCIEX X500R LC-QTOF-MS	07/26/23	07/01/25
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/01/21	10/01/23
Agilent Technologies GC/MS	10/01/21	10/01/23
ELISA Tecan Freedom EVO 75 and 150	10/01/21	10/01/23
Waters Acquity Xevo TQD Liquid Chromatograph	10/01/21	10/01/23
Tandem Mass Spectrometry SCIEX X500R LC-QTOF-MS	10/01/21	10/01/23
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph	01/10/20	01/01/22
Tandem Mass Spectrometry SCIEX X500R LC-TOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	04/01/18	04/01/20
Hewlett-Packard GC/MS (6890/5973)	04/01/18	04/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	04/01/18	04/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	04/01/18	04/01/20

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 12/23/13.

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Leyda Zoraida Lugo-Morales  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 370

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973)	09/09/14	09/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	12/23/13	12/01/15
Hewlett-Packard GC/MS (6890/5973)	12/23/13	12/01/15
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	12/23/13	12/01/15

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Andrew Lawrence Young  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 371

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Hewlett-Packard GC/MS (6890/5973)	07/01/16	07/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	07/01/16	07/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	07/01/16	07/01/18
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973)	09/09/14	09/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	12/23/13	12/01/15
Hewlett-Packard GC/MS (6890/5973)	12/23/13	12/01/15
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	12/23/13	12/01/15

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Melanie Coleen Colon-Medina  
**Agency:** Wilmington Police Department  
**Permit Number:** 372

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Thermo Scientific Trace Ultra GC and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/14	05/01/16

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jason Matthew Shriver  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 373

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973)	09/09/14	09/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16



Department of Health and Human Services

Forensic Tests for Alcohol Branch

Individual Permit History for Blood Analysis

**Name:** Kristi Nicole Benson ( Raschka)

**Agency:** North Carolina State Crime Laboratory

**Permit Number:** 374

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LEAP Technologies Combi-Pal Autosamplers	07/26/23	07/01/25
Agilent 7890 Gas Chromatographs	07/26/23	07/01/25
Agilent Mass Spectrometers (GC/MS)	07/26/23	07/01/25
ELISA Tecan Freedom EVO 75 and 150	07/26/23	07/01/25
Waters Acquity Xevo TQD Liquid Chromatograph	07/26/23	07/01/25
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	07/26/23	07/01/25
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/01/21	10/01/23
Agilent Technologies GC/MS	10/01/21	10/01/23
ELISA Tecan Freedom EVO 75 and 150	10/01/21	10/01/23
Waters Acquity Xevo TQD Liquid Chromatograph	10/01/21	10/01/23
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	10/01/21	10/01/23
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph	01/10/20	01/01/22
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	04/01/18	04/01/20
Hewlett-Packard GC/MS (6890/5973)	04/01/18	04/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	04/01/18	04/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	04/01/18	04/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Agilent Technologies GC/MS	07/01/16	07/01/18
ELISA Tecan Freedom EVO 75	07/01/16	07/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	07/01/16	07/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Amber Marie Rowland  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 375

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LEAP Technologies Combi-Pal Autosamplers	07/26/23	07/01/25
Agilent 7890 Gas Chromatographs	07/26/23	07/01/25
Agilent Mass Spectrometers (GC/MS)	07/26/23	07/01/25
ELISA Tecan Freedom EVO 75 and 150	07/26/23	07/01/25
Waters Acquity Xevo TQD Liquid Chromatograph	07/26/23	07/01/25
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	07/26/23	07/01/25
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/01/21	10/01/23
Agilent Technologies GC/MS	10/01/21	10/01/23
ELISA Tecan Freedom EVO 75 and 150	10/01/21	10/01/23
Waters Acquity Xevo TQD Liquid Chromatograph	10/01/21	10/01/23
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	10/01/21	10/01/23
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph	01/10/20	01/01/22
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	04/01/18	04/01/20
Hewlett-Packard GC/MS (6890/5973)	04/01/18	04/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	04/01/18	04/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	04/01/18	04/01/20

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 09/09/14.

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Megan Kelsey Simms  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 376

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LEAP Technologies Combi-Pal Autosamplers	07/26/23	07/01/25
Agilent 7890 Gas Chromatographs	07/26/23	07/01/25
Agilent Mass Spectrometers (GC/MS)	07/26/23	07/01/25
ELISA Tecan Freedom EVO 75 and 150	07/26/23	07/01/25
Waters Acquity Xevo TQD Liquid Chromatograph	07/26/23	07/01/25
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	07/26/23	07/01/25
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/01/21	10/01/23
Agilent Technologies GC/MS	10/01/21	10/01/23
ELISA Tecan Freedom EVO 75 and 150	10/01/21	10/01/23
Waters Acquity Xevo TQD Liquid Chromatograph	10/01/21	10/01/23
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	10/01/21	10/01/23
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph	01/10/20	01/01/22
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	04/01/18	04/01/20
Hewlett-Packard GC/MS (6890/5973)	04/01/18	04/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	04/01/18	04/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	04/01/18	04/01/20

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 09/09/14.

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Mark Christopher Annand

**Agency:** NMS Labs

**Permit Number:** 377

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A GC w/5975C Triple Axis MSD, Agilent 6890A GC w/5973 MSD, Agilent 6890N GC w/ 5975 MSSD, LC-QTOF Agilent Dual Jet Stream 6545, Waters Xevo TQ-XS LC-MSMS, Sciex 6500+ LC-MSMS, Agilent Jet Stream 6465 Ultivo LC-TQ LC-MSMS, Tecan Beckman AU480	09/14/21	09/01/23
GC/MS Agilent 7890A/ 5975C		
GC-GC-GC/MS, Agilent 5973 GC/MS	02/01/21	02/01/23
Agilent 6890/5890/7890 GC	02/01/21	02/01/23
Agilent 7890A/6890/7890B GC/MS	02/01/21	02/01/23
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	02/01/19	02/01/21
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** David Buzby  
**Agency:** NMS Labs  
**Permit Number:** 378

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Christina M. Carrico  
**Agency:** NMS Labs  
**Permit Number:** 379

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent Stream Select x 6945 LC-MS/MS Agilent 5890, 6890, 7890 or 8890 GC Agilent 5973 GC/MSD, Agilent 5975 GC/MSD Agilent 5977 GC/MSD Agilent 7000 Triple Quad GC/MS	04/03/23	04/01/25
LC-TOF Agilent Jet Stream 6230 LC-QTOF Agilent Dual Jet Stream 6530/6545 GC/MS 5973/5975	03/23/22	03/01/24
LC-TOF Agilent Jet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/01/20	04/01/22
LC-TOF Agilent Jet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/27/18	04/01/20
LC-TOF Agilent Jet Stream 6230, Agilent 5973/5975 GC/MS	12/06/16	12/01/18
LC-TOF Agilent	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Gregory Andrew Coates  
**Agency:** NMS Labs  
**Permit Number:** 380

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/07/16	03/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Amanda Christine Cooke

**Agency:** NMS Labs

**Permit Number:** 381

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer LC-MS/MS Waters TQS LC-MS/MS Waters TQXS LC-MS/MS Waters Cronos Micro TQS LC-MS/MS Waters Xevo Micro TQS	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC Agilent 5973, 5975 or 5977 GC/MSD LC-MS/MS TQD Tandem Mass Spectrometer LC-MS/MS Waters TQS LC-MS/MS Waters TQXS LC-MS/MS Waters Cronos Micro TQS LC-MS/MS Sciex API 4500 or 6500	12/28/22	12/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS Sciex API 4500/6500 LC-MS/MS	07/19/22	07/01/24
HP 6890/7890/ 8890 GC/FID LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS API 4500/5000/6500LC-MS/MS	01/24/22	01/01/24
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	02/21/20	02/01/22



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Joseph Nicholas Corvo

**Agency:** NMS Labs

**Permit Number:** 382

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230; Agilent 5973 & 5975 GC/MS	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17
API 4500 LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Susan Beth Crookham  
**Agency:** NMS Labs  
**Permit Number:** 383

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 5890, 6890, 7890 or 8890 GC	02/22/23	02/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	02/22/23	02/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
Agilent 6890A GC, Agilent 5890 GC, Agilent 7890B GC, Agilent 7890A GC w/ 5975 MSD, Agilent 6890 GC w/ 5973 MSD, Agilent 7890B GC w/ 7000 GC/MS Triple Quad	11/29/21	11/01/23
ELISA Tecan	05/22/20	05/01/22
LC-TOF Agilent Jet Stream 6230	05/22/20	05/01/22
LC-QTOF Agilent Dual Jet Stream 6530/6545	05/22/20	05/01/22
GC/MS 5973/5975	05/22/20	05/01/22
HP 6890/7890/ 8890 GC/FID	05/22/20	05/01/22
LC-MS/MS TQD Tandem MS or LC-MS/MS		
Waters TQS	05/22/20	05/01/22
GC/MS Agilent 7890A/ 5975C		
GC-GC-GC/MS, Agilent 5973 GC/MS	05/22/20	05/01/22
Agilent 6890/5890/7890 GC	05/22/20	05/01/22
Agilent 7890A/6890/7890B GC/MS	05/22/20	05/01/22
API 4500/5000/6500 LC-MS/MS	05/22/20	05/01/22

This record reflects the most recent permits issued to the named analyst.  
This analyst has held a permit for the analysis of blood since 01/26/15.

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jeong Hee Davidheiser

**Agency:** NMS Labs

**Permit Number:** 384

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Rachel Ann Davidovics  
**Agency:** NMS Labs  
**Permit Number:** 385

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer LC-MS/MS Waters TQS LC-MS/MS Waters TQXS LC-MS/MS Waters Cronos Micro TQS LC-MS/MS Waters Xevo Micro TQS	02/02/24	02/01/26
LC-MS/MS TQD Tandem Mass Spectrometer LC-MS/MS Waters TQS LC-MS/MS Waters TQXS LC-MS/MS Waters Cronos Micro TQS	12/28/22	12/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	12/01/22	12/01/24
LC-MS/MS Waters TQS or TQD Tandem MS	12/10/20	12/01/22
GC/MS Agilent 7890A & 5975C, GC-GC-GC/MS, Agilent 5973 GCMS	12/10/20	12/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/04/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/04/18	12/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Chelsey Nicole Deisher

**Agency:** NMS Labs

**Permit Number:** 386

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	12/28/22	12/01/24
LC-TOF Agilent Jet Stream 6230	12/28/22	12/01/24
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	12/28/22	12/01/24
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	12/28/22	12/01/24
ELISA-Tecan	07/26/22	07/01/24
LC-TOF Agilent Jet Stream 6230	07/26/22	07/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
HP 6890/7890/ 8890 GC/FID	07/26/22	07/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS	07/26/22	07/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	07/26/22	07/01/24
Agilent 5973 GC/MS, Agilent 6890A GC,	07/26/22	07/01/24
Agilent 5890 GC, Agilent 7890B GC,	07/26/22	07/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	07/26/22	07/01/24
Sciex API 4500/6500 LC-MS/MS	07/26/22	07/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD,		
Agilent 6890A GC w/ 5973 MSD, Agilent 6890N		
GC w/ 5975 MSSD, Agilent Dual Jet Stream		
6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+,	07/26/22	07/01/24
Agilent Jet Stream 6465 Ultivo LC-TQ,		
Beckman AU480	07/26/22	07/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Rosa Enid De Jesùs

**Agency:** NMS Labs

**Permit Number:** 387

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230 LC-QTOF Agilent Dual Jet Stream 6530/6545 GC/MS 5973/5975	03/23/22	03/01/24
LC-TOF Agilent Jet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/01/20	04/01/22
LC-TOF Agilent Jet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/27/18	04/01/20
LC-TOF Agilent Jet Stream 6230, Agilent 5973 & 5975 GC/MS	12/06/16	12/01/18
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Danielle Renee DeMauro

**Agency:** NMS Labs

**Permit Number:** 388

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	10/25/23	10/01/25
GC-FID Agilent 7890, 6890 & 8890	10/25/23	10/01/25
LC-MS/MS Sciex API 4500 or 6500	10/25/23	10/01/25
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	07/14/22	07/01/24
Sciex API 4500/6500 LC-MS/MS	07/14/22	07/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS	01/24/22	01/01/24
API 4500/5000/6500 LC-MS/MS	01/24/22	01/01/24
API 4500/5000/6500 LC-MS/MS	05/22/20	05/01/22
API 4500/4000/6500 LC-MS/MS	01/10/20	01/01/22
ELISA Tecan	02/12/18	02/01/18
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/18
ELISA Tecan	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Craig Thomas Leopold

**Agency:** NMS Labs

**Permit Number:** 389

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/12/18	02/01/18
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/01/15	03/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kristopher William Graf  
**Agency:** NMS Labs  
**Permit Number:** 390

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	01/18/23	01/01/25
LC-TOF Agilent Jet Stream 6230	01/18/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	01/18/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC	01/18/23	01/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	01/18/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	01/18/23	01/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	01/18/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	01/18/23	01/01/25
ELISA-Tecan	07/26/22	07/01/24
LC-TOF Agilent Jet Stream 6230	07/26/22	07/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
HP 6890/7890/ 8890 GC/FID	07/26/22	07/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS	07/26/22	07/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	07/26/22	07/01/24
Agilent 5973 GC/MS, Agilent 6890A GC,	07/26/22	07/01/24
Agilent 5890 GC, Agilent 7890B GC,	07/26/22	07/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	07/26/22	07/01/24
Sciex API 4500/6500 LC-MS/MS	07/26/22	07/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD,		
Agilent 6890A GC w/ 5973 MSD, Agilent 6890N		
GC w/ 5975 MSSD, Agilent Dual Jet Stream		
6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+,	07/26/22	07/01/24
Agilent Jet Stream 6465 Ultivo LC-TQ,		
Beckman AU480	07/26/22	07/01/24

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 01/26/15.

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Amanda Nicole Hackman

**Agency:** NMS Labs

**Permit Number:** 391

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/27/18	04/01/20
LC-TOF Agilent Jet Stream 6230, Agilent 5973 & 5975 GCMS	12/06/16	12/01/18
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Thomas E. Harbaugh  
**Agency:** NMS Labs  
**Permit Number:** 392

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Brian David Holsey Jr.  
**Agency:** NMS Labs  
**Permit Number:** 393

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent Stream Select x 6945 LC-MS/MS	01/18/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-TOF Agilent Jet Stream 6230	02/21/22	02/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545 GC/MS 5973/5975		
Agilent 6890A GC, Agilent 5890 GC, Agilent 7890B GC,	02/21/22	02/01/24
Agilent 7890A GC w/5975 MSD, Agilent 6890 GC w/ 5973 MSD, Agilent 7890B GC w/ 7000 GC/MS Triple Quad	02/21/22	02/01/24
Agilent 6890A GC, Agilent 5890 GC, Agilent 7890B GC, Agilent 7890A GC w/ 5975 MSD, Agilent 6890 GC w/ 5973 MSD, Agilent 7890B GC w/ 7000 GC/MS Triple Quad	08/04/21	08/01/23
LC-TOF Agilent Jet Stream 6230	07/09/20	07/01/22
LC-QTOF Agilent Dual Jet Stream 6530 & 6545		
Agilent 5973 & 5975 GC/MS	07/09/20	07/01/22
Agilent 6890/5890/7890 GC	07/09/20	07/01/22
Agilent 7890A/6890/7890B GC/MS	07/09/20	07/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Thanh M. Huynh  
**Agency:** NMS Labs  
**Permit Number:** 394

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 5890, 6890, 7890 or 8890 GC	02/02/24	02/01/26
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	12/28/22	12/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS		
Waters TQS/ Waters TQXS	08/23/22	08/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS,	08/23/22	08/01/24
Agilent 5973 GC/MS		
Sciex API 4500/6500 LC-MS/MS	08/23/22	08/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Apisri (Ieamniramit) Harjes

**Agency:** NMS Labs

**Permit Number:** 395

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Sciex API 4500/6500 LC-MS/MS	09/09/22	09/01/24
API 4500/5000/6500 LC-MS/MS	05/22/20	05/01/22
API 4500/4000/6500 LC-MS/MS	01/10/20	01/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Samantha Hope Curran

**Agency:** NMS Labs

**Permit Number:** 396

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC	02/02/24	02/01/26
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
ELISA-Tecan	07/26/22	07/01/24
LC-TOF Agilent Jet Stream 6230	07/26/22	07/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
HP 6890/7890/ 8890 GC/FID	07/26/22	07/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS	07/26/22	07/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	07/26/22	07/01/24
Agilent 5973 GC/MS	07/26/22	07/01/24
Sciex API 4500/6500 LC-MS/MS	07/26/22	07/01/24
ELISA Tecan	09/27/21	09/01/23
LC-TOF Agilent Jet Stream 6230	09/27/21	09/01/23
LC-QTOF Agilent Dual Jet Stream 6530/6545		
GC/MS 5973/5975		
HP 6890/7890/ 8890 GC/FID	09/27/21	09/01/23
LC-MS/MS TQD Tandem MS, LC-MS/MS		
Waters TQS	09/27/21	09/01/23
Agilent 7890A/ 5975C GC-GC-GC/MS,		
Agilent 5973 GC/MS, Agilent 6890A GC,	09/27/21	09/01/23
Agilent 5890 GC, Agilent 7890B GC,	09/27/21	09/01/23
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad		
API 4500/5000/6500 LC-MS/MS	09/27/21	09/01/23
<b>Name:</b> Alyssa Marie Keil <b>Agency:</b> NMS Labs <b>Permit Number:</b>		397

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
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<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/12/18	02/01/20
LC-TOF Agilent Jet Stream 6230, Agilent 5973 & 5975 GC/MS	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
ELISA Tecan	05/01/17	05/01/19
LC-TOF Agilent Jet Stream 6230, Agilent 5973 & 5975 GC/MS	05/01/17	05/01/19
API 4500/4000 LC-MS/MS	05/01/17	05/01/19
ELISA Tecan	12/06/16	12/01/18
LC-TOF Agilent Jet Stream 6230, Agilent 5973 & 5975 GC/MS	12/06/16	12/01/18
ELISA Tecan	01/26/15	01/01/1



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Renee Lynn (Kezmarsky) LaFord  
**Agency:** NMS Labs  
**Permit Number:** 398

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Sciex API 4500/6500 LC-MS/MS	07/26/22	07/01/24
API 4500/5000/6500 LC-MS/MS	08/04/21	08/01/23
API 4500/4000/6500 LC-MS/MS	01/10/20	01/01/22
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
API 4500 LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lori A. Lockrey  
**Agency:** NMS Labs  
**Permit Number:** 399

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	03/01/17	03/01/19
LC-TOF Agilent Jet Stream 6230	03/01/17	03/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD, or API 4500	03/01/17	03/01/19
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/01/17	03/01/19
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/01/17	03/01/19
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/01/17	03/01/19
API 4500/4000 LC-MS/MS	03/01/17	03/01/19
ELISA Tecan	03/01/15	03/01/17
LC-TOF Agilent Jet Stream 6230	03/01/15	03/01/17
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/01/15	03/01/17
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/01/15	03/01/17
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/01/15	03/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Christopher Everett Lloyd  
**Agency:** NMS Labs  
**Permit Number:** 400

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	08/23/22	08/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	08/23/22	08/01/24
LC-MS/MS Waters TQS or TQD Tandem MS	12/10/20	12/01/22
GC/MS Agilent 7890A & 5975C, GC-GC-GC/MS, Agilent 5973 GCMS	12/10/20	12/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD, or API 4500	12/04/18	12/01/20

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kristina Leigh Long  
**Agency:** NMS Labs  
**Permit Number:** 401

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	11/01/22	11/01/24
LC-MS/MS TQD Tandem MS, WATERS TQS LC-MS/MS	11/04/20	11/01/22
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS	11/04/20	11/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/04/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/04/18	12/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Joan Gertrude Lutz-Maltz

**Agency:** NMS Labs

**Permit Number:** 402

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/04/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/04/18	12/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/04/18	12/01/20
ELISA Tecan	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/06/16	12/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Luke B. Mason  
**Agency:** NMS Labs  
**Permit Number:** 403

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Melissa M. Mason  
**Agency:** NMS Labs  
**Permit Number:** 404

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Colleen M. Mathews  
**Agency:** NMS Labs  
**Permit Number:** 405

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA-Tecan	08/23/22	08/01/24
ELISA Tecan	09/17/20	09/01/22
ELISA Tecan	02/01/19	02/01/21
ELISA Tecan	12/06/16	12/01/18
ELISA Tecan	01/26/15	01/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** L. Paul Miller Jr.

**Agency:** NMS Labs

**Permit Number:** 406

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/12/18	02/01/20
LC-TOF Agilent Jet Stream 6230	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	02/12/18	02/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	02/12/18	02/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
ELISA Tecan	12/06/16	12/01/18
LC-TOF Agilent Jet Stream 6230	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/06/16	12/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/06/16	12/01/18
API 4500/4000 LC-MS/MS	12/06/16	12/01/18

<p>This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 01/26/15.</p>
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Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Diana M. Mossbrook  
**Agency:** NMS Labs  
**Permit Number:** 407

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Shanitut T. Muantongchin  
**Agency:** NMS Labs  
**Permit Number:** 408

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Marcellino Pasquale Porto

**Agency:** NMS Labs

**Permit Number:** 409

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/06/16	12/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Adam Ross Rapoport

**Agency:** NMS Labs

**Permit Number:** 410

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/02/24	02/01/26
LC-TOF Agilent Jet Stream 6230	02/02/24	02/01/26
LC-QTOF Agilent Dual Jet Stream 6545		
Agilent 5890, 6890, 7890 or 8890 GC	02/02/24	02/01/26
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
ELISA Tecan	12/28/22	12/01/24
LC-TOF Agilent Jet Stream 6230	12/28/22	12/01/24
LC-QTOF Agilent Dual Jet Stream 6545		
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
ELISA-Tecan	07/14/22	07/01/24
LC-TOF Agilent Jet Stream 6230	07/14/22	07/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
LC-MS/MS TQD Tandem MS, LC-MS/MS	07/14/22	07/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	07/14/22	07/01/24
Agilent 5973 GC/MS		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Rebecca L. (Reber) Stout

**Agency:** NMS Labs

**Permit Number:** 411

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	03/23/20	03/01/22
ELISA Tecan	03/01/18	03/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/01/18	03/01/20
ELISA Tecan	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
ELISA Tecan	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jacqueline Rizzo  
**Agency:** NMS Labs  
**Permit Number:** 412

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/07/16	03/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/07/16	03/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Anthony D. Rodriguez

**Agency:** NMS Labs

**Permit Number:** 413

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD, or API 4500	02/20/17	02/01/19
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	02/20/17	02/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/27/16	06/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	06/27/16	06/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Heidi Renee Schimmelbusch  
**Agency:** NMS Labs  
**Permit Number:** 414

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	07/14/22	07/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	07/14/22	07/01/24
LC-MS/MS Waters TQS or TQD Tandem MS	11/24/20	11/01/22
GC/MS Agilent 7890A & 5975C, GC-GC-GC/MS, Agilent 5973 GCMS	11/24/20	11/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/14/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/14/18	12/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/14/18	12/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/06/16	12/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/06/16	12/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Parul Sunilkumar Shah  
**Agency:** NMS Labs  
**Permit Number:** 415

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230	12/20/23	12/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
Agilent 5890, 6890, 7890 or 8890 GC	12/20/23	12/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
LC-TOF Agilent Jet Stream 6230	01/24/22	01/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545	01/24/22	01/01/24
GC/MS 5973/5975		
LC-TOF Agilent Jet Stream 6230	02/21/20	02/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS	02/21/20	02/01/22
Agilent 7890A/ 5975C, GC-GC-GC/MS, or Agilent 5973 GC/MS and LC- MS/MS Waters TQS	02/21/20	02/01/22
Agilent 6890 NPD and and alcohols HP 6890/5890 GC/FID	02/21/20	02/01/22
API 4500/ 4000	02/21/20	02/01/22
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Dawn Nicole Sherwood  
**Agency:** NMS Labs  
**Permit Number:** 416

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC	01/26/23	01/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	01/26/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	01/26/23	01/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	01/26/23	01/01/25
LC-MS/MS TQD Tandem MS, LC-MS/MS		
Waters TQS/ Waters TQXS	07/19/22	07/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS,	07/19/22	07/01/24
Agilent 5973 GC/MS		
Sciex API 4500/6500 LC-MS/MS	07/19/22	07/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Nancy A. Shubbar  
**Agency:** NMS Labs  
**Permit Number:** 417

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	12/28/22	12/01/24
ELISA Tecan	02/01/21	02/01/23
ELISA Tecan	02/01/19	02/01/21
ELISA Tecan	12/06/16	12/01/18
ELISA Tecan	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Justin Daniel Spatafore

**Agency:** NMS Labs

**Permit Number:** 418

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	02/12/18	02/01/20
API 4500/ 4000/ 6500 LC-MS/MS	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Denice Marie Teem

**Agency:** NMS Labs

**Permit Number:** 419

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	08/04/21	08/01/23
LC-TOF Agilent Jet Stream 6230	08/04/21	08/01/23
LC-QTOF Agilent Dual Jet Stream 6530/6545 GC/MS 5973/5975		
HP 6890/7890/ 8890 GC/FID	08/04/21	08/01/23
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS	08/04/21	08/01/23
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS, Agilent 6890A GC,	08/04/21	08/01/23
Agilent 5890 GC, Agilent 7890B GC,	08/04/21	08/01/23
Agilent 7890A GC w/5975 MSD, Agilent 6890 GC w/ 5973 MSD, Agilent 7890B GC w/ 7000 GC/MS Triple Quad		
API 4500/5000/6500 LC-MS/MS	08/04/21	08/01/23
ELISA Tecan	05/22/20	05/01/22
LC-TOF Agilent Jet Stream 6230	05/22/20	05/01/22
LC-QTOF Agilent Dual Jet Stream 6530/6545 GC/MS 5973/5975	05/22/20	05/01/22
HP 6890/7890/ 8890 GC/FID	05/22/20	05/01/22
LC-MS/MS TQD Tandem MS or LC-MS/MS Waters TQS	05/22/20	05/01/22
GC/MS Agilent 7890A/ 5975C		
GC-GC-GC/MS, Agilent 5973 GC/MS	05/22/20	05/01/22
Agilent 6890/5890/7890 GC	05/22/20	05/01/22
Agilent 7890A/6890/7890B GC/MS	05/22/20	05/01/22
API 4500/5000/6500 LC-MS/MS	05/22/20	05/01/22

This record reflects the most recent permits issued to the named analyst.  
This analyst has held a permit for the analysis of blood since 01/26/15.

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Cherie Marie Trail  
**Agency:** NMS Labs  
**Permit Number:** 420

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	12/28/22	12/01/24
ELISA Tecan	03/23/22	03/01/24
LC-TOF Agilent Jet Stream 6230	03/23/22	03/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545 GC/MS 5973/5975		
ELISA Tecan	04/01/20	04/01/22
LC-TOF Agilent Jet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/01/20	04/01/22
ELISA Tecan	04/27/18	04/01/20
LC-TOF Agilent Jet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/27/18	04/01/20
ELISA Tecan	12/06/17	12/01/19
LC-TOF Agilent Jet Stream 6230, Agilent 5973/5975 GC/MS	12/06/17	12/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jaclyn Kate Venarchick

**Agency:** NMS Labs

**Permit Number:** 421

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Leonard Christopher Vinci

**Agency:** NMS Labs

**Permit Number:** 422

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/07/16	03/01/18
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Judy Evans Vinosky

**Agency:** NMS Labs

**Permit Number:** 423

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/04/18	12/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/15/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Tammy Yvette Welch  
**Agency:** NMS Labs  
**Permit Number:** 424

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer LC-MS/MS Waters TQS LC-MS/MS Waters TQXS LC-MS/MS Waters Cronos Micro TQS LC-MS/MS Waters Xevo Micro TQS	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC Agilent 5973, 5975 or 5977 GC/MSD LC-MS/MS TQD Tandem Mass Spectrometer LC-MS/MS Waters TQS LC-MS/MS Waters TQXS LC-MS/MS Waters Cronos Micro TQS	12/28/22	12/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	07/14/22	07/01/24
TQD Tandem MS, Waters TQS LC-MS/MS, Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS	01/24/22	01/01/24
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS or API 4500 Agilent 7890A/ 5975C, GC-GC-GC/MS, or Agilent 5973 GC/MS and LC- MS/MS Waters TQS	02/21/20	02/01/22
	02/21/20	02/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lyda M. Wellington

**Agency:** NMS Labs

**Permit Number:** 425

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17
API 4500 LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Linay Elizabeth Williams

**Agency:** NMS Labs

**Permit Number:** 426

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/02/24	02/01/26
ELISA Tecan	02/21/22	02/01/24
LC-TOF Agilent Jet Stream 6230	02/21/22	02/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
GC/MS 5973/5975		
ELISA Tecan	03/23/20	03/01/22
LC-TOF Agilent Jet Stream 6230,	03/23/20	03/01/22
LC-QTOF Agilent Dual Jet Stream 6530		
Agilent 5973/5975 GC/MS		
ELISA Tecan	04/27/18	04/01/20
LC-TOF Agilent Jet Stream 6230,	04/27/18	04/01/20
LC-QTOF Agilent Dual Jet Stream 6530		
Agilent 5973/5975 GC/MS		
ELISA Tecan	12/06/16	12/01/18
LC-TOF Agilent Jet Stream 6230,	12/06/16	12/01/18
Agilent 5973 & 5975 GC/MS		
ELISA Tecan	01/26/15	01/01/17
LC-TOF Agilent	04/07/15	01/01/17
Jet Stream 6230		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Meredith L. Atkins  
**Agency:** NMS Labs  
**Permit Number:** 427

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jessica Leigh Baehr

**Agency:** NMS Labs

**Permit Number:** 428

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Stacey Anne DeJoseph  
**Agency:** NMS Labs  
**Permit Number:** 429

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	12/28/22	12/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	07/19/22	07/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	07/19/22	07/01/24
Sciex API 4500/6500 LC-MS/MS	07/19/22	07/01/24
LC-MS/MS Waters TQS or TQD Tandem MS	11/24/20	11/01/22
GC/MS Agilent 7890A & 5975C, GC-GC-GC/MS, Agilent 5973 GCMS	11/24/20	11/01/22
API 4500/5000/6500 LC-MS/MS	11/24/20	11/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD	12/04/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/04/18	12/01/20
API 4500/4000/6500 LC-MS/MS	12/04/18	12/01/20



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Rocco A. DelConte  
**Agency:** NMS Labs  
**Permit Number:** 430

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Erik David Flail  
**Agency:** NMS Labs  
**Permit Number:** 431

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	09/09/22	09/01/24
LC-TOF Agilent Jet Stream 6230	09/09/22	09/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545 GC/MS 5973/5975		
HP 6890/7890/ 8890 GC/FID	09/09/22	09/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS	09/09/22	09/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS, Agilent 6890A GC,	09/09/22	09/01/24
Agilent 5890 GC, Agilent 7890B GC, Agilent 7890A GC w/5975 MSD, Agilent 6890 GC w/ 5973 MSD,	09/09/22	09/01/24
Agilent 7890B GC w/ 7000 GC/MS Triple Quad Sciex API 4500/6500 LC-MS/MS	09/09/22	09/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD, Agilent 6890A GC w/ 5973 MSD, Agilent 6890N GC w/ 5975 MSSD, Agilent Dual Jet Stream 6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+, Agilent Jet Stream 6465 Ultivo LC-TQ, Beckman AU480	09/09/22	09/01/24

<p>This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 01/28/15</p>
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Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kathleen E. Frederick  
**Agency:** NMS Labs  
**Permit Number:** 432

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer LC-MS/MS Waters TQS LC-MS/MS Waters TQXS LC-MS/MS Waters Cronos Micro TQS LC-MS/MS Waters Xevo Micro TQS	02/02/24	02/01/26
LC-MS/MS TQD Tandem Mass Spectrometer LC-MS/MS Waters TQS LC-MS/MS Waters TQXS LC-MS/MS Waters Cronos Micro TQS	12/28/22	12/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	08/02/22	08/01/24
LC-MS/MS TQD Tandem MS or LC-MS/MS Waters TQS	05/01/22	05/01/24
LC-MS/MS TQD Tandem MS or LC-MS/MS Waters TQS	05/22/20	05/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/01/18	06/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	06/01/18	06/01/20

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Sara C. Gagen  
**Agency:** NMS Labs  
**Permit Number:** 433

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	08/02/23	08/01/25
Agilent 5890, 6890, 7890 or 8890 GC	08/02/23	08/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	08/02/23	08/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/433MS	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
Agilent 6890A GC Agilent 5890 GC,,	09/01/21	09/01/23
Agilent 7890B GC,	09/01/21	09/01/23
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	09/01/21	09/01/23
HP 6890/7890/ 8890 GC/FID	05/22/20	05/01/22
GC/MS Agilent 7890A/ 5975C		
GC-GC-GC/MS, Agilent 5973 GC/MS	05/22/20	05/01/22
Agilent 6890/5890/7890 GC	05/22/20	05/01/22
Agilent 7890A/6890/7890B GC/MS	05/22/20	05/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Danielle Marie Jardel  
**Agency:** NMS Labs  
**Permit Number:** 434

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Mark Philip Lafferty

**Agency:** NMS Labs

**Permit Number:** 435

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/21/18	12/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/21/18	12/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Thanh-Duyen Thi Lam  
**Agency:** NMS Labs  
**Permit Number:** 436

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A GC w/ 5975C Triple Axis MSD, Agilent 6890A GC w/ 5973 MSD, Agilent 6890N GC w/ 5975 MSSD, Agilent Dual Jet Stream 6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+, Agilent Jet Stream 6465 Ultivo LC-TQ, Beckman AU480	07/14/22	07/01/24
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	01/10/20	01/01/22
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/10/20	01/01/22
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Michael Edward Lamb  
**Agency:** NMS Labs  
**Permit Number:** 437

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/12/18	02/01/20
LC-TOF Agilent Jet Stream 6230	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	02/12/18	02/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	02/12/18	02/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
ELISA Tecan	10/20/17	10/01/19
LC-TOF Agilent Jet Stream 6230	10/20/17	10/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	10/20/17	10/01/19
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	10/20/17	10/01/19
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	10/20/17	10/01/19
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	10/20/17	10/01/19
API 4500/4000 LC-MS/MS	10/20/17	10/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/16/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Ann Marie Meadows  
**Agency:** NMS Labs  
**Permit Number:** 438

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/28/15	01/01/17
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Christopher John Mercer  
**Agency:** NMS Labs  
**Permit Number:** 439

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230 LC-QTOF Agilent Dual Jet Stream 6530/6545 GC/MS 5973/5975	03/23/22	03/01/24
LC-TOF Agilent Jet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/01/20	04/01/22
LC-TOF Agilent Jet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/27/18	04/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	04/27/18	04/01/20
LC-TOF Agilent Jet Stream 6230, Agilent 5973 & 5975 GC/MS	12/06/16	12/01/18
LC-TOF Agilent Jet Stream 6230	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Casey Marie Mulcahy  
**Agency:** NMS Labs  
**Permit Number:** 440

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC	02/02/24	02/01/26
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-TOF Agilent Jet Stream 6230	08/25/21	08/01/23
LC-QTOF Agilent Dual Jet Stream 6530/6545		
GC/MS 5973/5975		
HP 6890/7890/ 8890 GC/FID	08/25/21	08/01/23
Agilent 7890A GC w/5975C Triple Axis MSD,	08/25/21	08/01/23
Agilent 6890A GC w/5973 MSD, Agilent 6890N		
GC w/ 5975 MSSD, LC-QTOF Agilent Dual Jet		
Stream 6545, Waters Xevo TQ-XS LC-MSMS,		
Sciex 6500+ LC-MSMS, Agilent Jet Stream 6465		
Ultivo LC-TQ LC-MSMS, Tecan Beckman AU480		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Linda Nguyen  
**Agency:** NMS Labs  
**Permit Number:** 441

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** William Emilio Nunez

**Agency:** NMS Labs

**Permit Number:** 442

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Colleen V. O'Neill  
**Agency:** NMS Labs  
**Permit Number:** 443

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	07/14/22	07/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	07/14/22	07/01/24
LC-MS/MS- TQD Tandem Mass Spectrometer or Waters TQS	08/24/20	08/01/22
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	09/01/18	09/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	09/21/16	09/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/21/16	09/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Maulikkumar Rameshchandra Patel

**Agency:** NMS Labs

**Permit Number:** 444

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Velpula Grace Anisha Paul

**Agency:** NMS Labs

**Permit Number:** 445

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** David P. Randolph

**Agency:** NMS Labs

**Permit Number:** 446

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lori Lyn Rosen  
**Agency:** NMS Labs  
**Permit Number:** 447

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS	02/21/20	02/01/22
Agilent 7890A/ 5975C, GC-GC-GC/MS, or Agilent 5973 GC/MS and LC- MS/MS Waters TQS	02/21/20	02/01/22
Thermo Separations or Waters HPLC UPLC or HPLC UV	02/21/20	02/01/22
Agilent 6890 NPD and and alcohols HP 6890/5890 GC/FID	02/21/20	02/01/22
API 4500/ 4000	02/21/20	02/01/22
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jacob Tavakoly-Atar  
**Agency:** NMS Labs  
**Permit Number:** 448

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17
API 4500 LC-MS/MS	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Justine Michelle (Titko) Drake  
**Agency:** NMS Labs  
**Permit Number:** 449

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
HP 6890/7890/ 8890 GC/FID	09/14/21	09/01/23
HP 6890/7890/ 8890 GC/FID	05/22/20	05/01/22
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	12/21/18	12/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services

Forensic Tests for Alcohol Branch

Individual Permit History for Blood Analysis

**Name:** Jennifer Lynn (Turri) Swatek

**Agency:** NMS Labs

**Permit Number:** 450

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	01/18/23	01/01/25
LC-TOF Agilent Jet Stream 6230	01/18/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	01/18/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC	01/18/23	01/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	01/18/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	01/18/23	01/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	01/18/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	01/18/23	01/01/25
ELISA-Tecan	07/26/22	07/01/24
LC-TOF Agilent Jet Stream 6230	07/26/22	07/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
HP 6890/7890/ 8890 GC/FID	07/26/22	07/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS	07/26/22	07/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	07/26/22	07/01/24
Agilent 5973 GC/MS, Agilent 6890A GC,	07/26/22	07/01/24
Agilent 5890 GC, Agilent 7890B GC,	07/26/22	07/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	07/26/22	07/01/24
Sciex API 4500/6500 LC-MS/MS	07/26/22	07/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD,		
Agilent 6890A GC w/ 5973 MSD, Agilent 6890N		
GC w/ 5975 MSSD, Agilent Dual Jet Stream		
6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+,	07/26/22	07/01/24
Agilent Jet Stream 6465 Ultivo LC-TQ,		
Beckman AU480	07/26/22	07/01/24

This record reflects the most recent permits issued to the named analyst.  
 This analyst has held a permit for the analysis of blood since 01/28/15.

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Rachel Christine Reilly  
**Agency:** NMS Labs  
**Permit Number:** 451

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/01/24	02/01/26
LC-TOF Agilent Jet Stream 6230	02/01/24	02/01/26
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent Stream Select x 6945 LC-MS/MS	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
ELISA Tecan	05/01/22	05/01/24
LC-TOF Agilent Jet Stream 6230	05/01/22	05/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
GC/MS 5973/5975		
LC-MS/MS TQD Tandem MS or LC-MS/MS		
Waters TQS	05/22/20	05/01/22
Agilent 6890/5890/7890 GC	05/22/20	05/01/22
Agilent 7890A/6890/7890B GC/MS	05/22/20	05/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Gabriela Rodrigues Sacchi

**Agency:** NMS Labs

**Permit Number:** 452

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 5890, 6890, 7890 or 8890 GC	02/02/24	02/01/26
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	08/02/22	08/01/24
LC-MS/MS TQD Tandem MS, WATERS TQS LC-MS/MS	11/04/20	11/01/22
GC/MS Agilent 7890A & 5975C	11/04/20	11/01/22
GC-GC-GC/MS, Agilent 5973 GCMS		
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/04/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, 12/04/18 Agilent 5973 GCMS, Waters TQS LC-MS/MS		12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, 12/06/16 Agilent 5973 GCMS, Waters TQS LC-MS/MS		12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, 01/28/15 Agilent 5973 GCMS, Waters TQS LC-MS/MS		01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kiersten Lee Deblaker  
**Agency:** NMS Labs  
**Permit Number:** 453

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/05/15	02/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Annette V. Ervin  
**Agency:** NMS Labs  
**Permit Number:** 454

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	12/28/22	12/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	08/23/22	08/01/24
Sciex API 4500/6500 LC-MS/MS	08/23/22	08/01/24
LC-MS/MS TQD Tandem MS, WATERS TQS LC-MS/MS	11/04/20	11/01/22
GC/MS Agilent 7890A & 5975C	11/04/20	11/01/22
GC-GC-GC/MS, Agilent 5973 GCMS API 4500/5000/6500 LC-MS/MS	11/04/20	11/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD	12/14/18	12/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/14/18	12/01/20
API 4500/4000/6500 LC-MS/MS	12/14/18	12/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/15/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/15/16	12/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/15/16	12/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Armand Gjeka  
**Agency:** NMS Labs  
**Permit Number:** 455

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/05/15	02/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Aileen Lu  
**Agency:** NMS Labs  
**Permit Number:** 456

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
ELISA Tecan	02/05/15	02/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Cassandra L. Pickett  
**Agency:** NMS Labs  
**Permit Number:** 457

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/05/15	02/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jaron Samuel Quinlan  
**Agency:** NMS Labs  
**Permit Number:** 458

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230	11/28/23	11/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	11/28/23	11/01/25
ELISA-Tecan	12/22/21	12/01/23
LC-TOF Agilent Jet Stream 6230	12/22/21	12/01/23
LC-QTOF Agilent Dual Jet Stream 6530/6545 Agilent 5973/5975 GCMS		
ELISA-Tecan	01/10/20	01/01/22
LC-TOF Agilent Jet Stream 6230	01/10/20	01/01/22
LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GCMS		
ELISA Tecan	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
ELISA Tecan	02/05/15	02/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Denise Nicole Schiller  
**Agency:** NMS Labs  
**Permit Number:** 459

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	12/28/22	12/01/24
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	12/28/22	12/01/24
ELISA-Tecan	09/09/22	09/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS		
Waters TQS/ Waters TQXS	09/09/22	09/01/24
Sciex API 4500/6500 LC-MS/MS	09/09/22	09/01/24
ELISA Tecan	01/24/22	01/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS		
Waters TQS	01/24/22	01/01/24
API 4500/5000/6500 LC-MS/MS	01/24/22	01/01/24
ELISA Tecan	02/21/20	02/01/22
LC-TOF Agilent Jet Stream 6230		
Agilent 5973/5975 GC/MS	02/21/20	02/01/22
LC-MS/MS Waters Micromass Quattro Premier	02/21/20	02/01/22
TQD Tandem MS	02/21/20	02/01/22
API 4500/4000	02/21/20	02/01/22
ELISA Tecan	03/07/16	03/01/18
LC-MS/MS Waters Micromass	03/07/16	03/01/18
Quattro Premier or TQD		
GC/MS Agilent 7890A & 5975C	03/07/16	03/01/18
GC-GC-GC/MS,		
Agilent 5973 GCMS, WATERS TQS LC-MS/MS		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Marykathryn Tynon Moody

**Agency:** NMS Labs

**Permit Number:** 460

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A GC w/5975C Triple Axis MSD, Agilent 6890A GC w/5973 MSD, Agilent 6890N GC w/ 5975 MSSD, LC-QTOF Agilent Dual Jet Stream 6545, Waters Xevo TQ-XS LC-MSMS, Sciex 6500+ LC-MSMS, Agilent Jet Stream 6465 Ultivo LC-TQ LC-MSMS, Tecan Beckman AU480	08/04/21	08/01/23
ELISA Tecan	10/20/17	10/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	10/20/17	10/01/19
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS,	10/20/17	10/01/19
Agilent 5973 GCMS, WATERS TQS LC-MS/MS API 4500/4000 LC-MS/MS	10/20/17	10/01/19
ELISA Tecan	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS,	03/07/16	03/01/18
Agilent 5973 GCMS, WATERS TQS LC-MS/MS		
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS,	02/02/15	02/01/17
Agilent 5973 GCMS, WATERS TQS LC-MS/MS		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Marjola Lino  
**Agency:** NMS Labs  
**Permit Number:** 461

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	11/04/20	11/01/22
LC-TOF Agilent Jet Stream 6230	11/04/20	11/01/22
LC-QTOF Agilent Dual Jet Stream 6530/6545	11/04/20	11/01/22
GC/MS 5973/5975	11/04/20	11/01/22
ELISA Tecan	12/04/18	12/01/20
API 4500/4000 LC-MS/MS	12/04/18	12/01/20
ELISA Tecan	03/01/17	03/01/19
ELISA Tecan	04/07/15	04/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Ashandra Gail DeWalt  
**Agency:** NMS Labs  
**Permit Number:** 462

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890B GC with Dual FID Agilent GC Sampler 80	02/12/18	02/01/20
ELISA Tecan	02/12/18	02/01/20
LC-TOF Agilent Jet Stream 6230	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	02/12/18	02/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	02/12/18	02/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
Agilent 7890B GC with Dual FID Agilent GC Sampler 80	09/01/17	09/01/19
ELISA Tecan	09/01/17	09/01/19
LC-TOF Agilent Jet Stream 6230	09/01/17	09/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/01/17	09/01/19
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	09/01/17	09/01/19
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	09/01/17	09/01/19
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	09/01/17	09/01/19
API 4500/4000 LC-MS/MS	09/01/17	09/01/19

This record reflects the most recent permits issued to the named analyst.  
This analyst has held a permit for the analysis of blood since 06/01/15.

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Garrick Jermaine Purdie  
**Agency:** Wilmington Police Department  
**Permit Number:** 463

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Thermo Scientific Trace Ultra GC and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	02/01/17	02/01/19
Thermo Scientific Trace Ultra GC and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	02/10/15	02/01/17

Department of Health and Human Services

Forensic Tests for Alcohol Branch

Individual Permit History for Blood Analysis

**Name:** William Michael Schroeder

**Agency:** NMS Labs

**Permit Number:** 464

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/02/24	02/01/26
LC-TOF Agilent Jet Stream 6230	02/02/24	02/01/26
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC	02/02/24	02/01/26
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
ELISA Tecan	12/28/22	12/01/24
LC-TOF Agilent Jet Stream 6230	12/28/22	12/01/24
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	12/28/22	12/01/24
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	12/28/22	12/01/24

Department of Health and Human Services

Forensic Tests for Alcohol Branch

**Name:** Kyle David Brown Individual Permit History for Blood Analysis

**Agency:** NMS Labs

**Permit Number:** 465

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	06/01/15	06/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

Name: Alex Paul Castanzo  
Agency: NMS Labs  
Permit Number: 466

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/01/15	06/01/17
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	06/01/15	06/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Amber Luise Fontanez

**Agency:** NMS Labs

**Permit Number:** 467

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	06/01/15	06/01/17
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/01/15	06/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Brittany Lynn Cassell  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 468

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	12/01/18	12/01/20
Agilent Technologies GC/MS	12/01/18	12/01/20
ELISA Tecan Freedom EVO 75 and 150	12/01/18	12/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	12/01/18	12/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	03/01/17	03/01/19
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	03/01/17	03/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	03/01/17	03/01/19
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	06/11/15	06/01/17
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	06/11/15	06/01/17
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/11/15	06/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Mirriam Nicole Hooks  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 469

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	06/11/15	06/01/17
ELISA Tecan Freedom EVO 75	06/11/15	06/01/17
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/11/15	06/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Tasheé Nicole Washington  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 470

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	06/11/15	06/01/17
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	06/11/15	06/01/17
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/11/15	06/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Janea R. Patterson  
**Agency:** NMS Labs  
**Permit Number:** 471

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	05/01/17	05/01/19
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	05/01/17	05/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/16/15	06/01/17
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	06/16/15	06/01/17

Department of Health and Human Services

Forensic Tests for Alcohol Branch

Individual Permit History for Blood Analysis

**Name:** Kylie Nichole Alford

**Agency:** North Carolina State Crime Laboratory

**Permit Number:** 472

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LEAP Technologies Combi-Pal Autosamplers	07/26/23	07/01/25
Agilent 7890 Gas Chromatographs	07/26/23	07/01/25
Agilent Mass Spectrometers (GC/MS)	07/26/23	07/01/25
ELISA Tecan Freedom EVO 75 and 150	07/26/23	07/01/25
Waters Acquity Xevo TQD Liquid Chromatograph	07/26/23	07/01/25
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	07/26/23	07/01/25
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/01/21	10/01/23
Agilent Technologies GC/MS	10/01/21	10/01/23
ELISA Tecan Freedom EVO 75 and 150	10/01/21	10/01/23
Waters Acquity Xevo TQD Liquid Chromatograph	10/01/21	10/01/23
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	10/01/21	10/01/23
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph	01/10/20	01/01/22
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	03/07/19	03/01/21
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75/150	03/07/19	03/01/21
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	03/07/19	03/01/21
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	06/01/17	06/01/19
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75/150	06/01/17	06/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/01/17	06/01/19

Department of Health and Human Services

Forensic Tests for Alcohol Branch

Individual Permit History for Blood Analysis

**Name:** Jacqueline Seki Coley

**Agency:** North Carolina State Crime Laboratory

**Permit Number:** 473

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	03/07/19	03/01/21
ELISA Tecan Freedom EVO 75/150	03/07/19	03/01/21
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	03/07/19	03/01/21
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	06/01/17	06/01/19
ELISA Tecan Freedom EVO 75/150	06/01/17	06/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/01/17	06/01/19
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	09/01/15	09/01/17
ELISA Tecan Freedom EVO 75	09/01/15	09/01/17
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/01/15	09/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Joan L. Schemmer  
**Agency:** NMS Labs  
**Permit Number:** 474

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	02/21/20	02/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Swapna Jayan  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 475

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	06/01/17	06/01/19
ELISA Tecan Freedom EVO 75/150	06/01/17	06/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/01/17	06/01/19
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	09/01/15	09/01/17
ELISA Tecan Freedom EVO 75	09/01/15	09/01/17
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/01/15	09/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Megan Jane Keeler  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 476

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LEAP Technologies Combi-Pal Autosamplers	07/26/23	07/01/25
Agilent 7890 Gas Chromatographs	07/26/23	07/01/25
Agilent Mass Spectrometers (GC/MS)	07/26/23	07/01/25
ELISA Tecan Freedom EVO 75 and 150	07/26/23	07/01/25
Waters Acquity Xevo TQD Liquid Chromatograph	07/26/23	07/01/25
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	07/26/23	07/01/25
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/01/21	10/01/23
Agilent Technologies GC/MS	10/01/21	10/01/23
ELISA Tecan Freedom EVO 75 and 150	10/01/21	10/01/23
Waters Acquity Xevo TQD Liquid Chromatograph	10/01/21	10/01/23
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	10/01/21	10/01/23
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph	01/10/20	01/01/22
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	03/07/19	03/01/21
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75/150	03/07/19	03/01/21
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	03/07/19	03/01/21
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	06/01/17	06/01/19
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75/150	06/01/17	06/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/01/17	06/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Stephanie Danielle (Marcin) Douthwaite  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 477

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LEAP Technologies Combi-Pal Autosamplers	07/26/23	07/01/25
Agilent 7890 Gas Chromatographs	07/26/23	07/01/25
Agilent Mass Spectrometers (GC/MS)	07/26/23	07/01/25
ELISA Tecan Freedom EVO 75 and 150	07/26/23	07/01/25
Waters Acquity Xevo TQD Liquid Chromatograph	07/26/23	07/01/25
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	07/26/23	07/01/25
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/01/21	10/01/23
Agilent Technologies GC/MS	10/01/21	10/01/23
ELISA Tecan Freedom EVO 75 and 150	10/01/21	10/01/23
Waters Acquity Xevo TQD Liquid Chromatograph	10/01/21	10/01/23
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	10/01/21	10/01/23
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph	01/10/20	01/01/22
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	03/07/19	03/01/21
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75/150	03/07/19	03/01/21
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	03/07/19	03/01/21
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	06/01/17	06/01/19
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75/150	06/01/17	06/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/01/17	06/01/19



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Michael Anthony Kuzemko  
**Agency:** Pitt County Sheriff's Office  
**Permit Number:** 478

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890B Gas Chromatograph w/ CTC Headspace Autosampler	10/01/15	10/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Mark Allen Jackson  
**Agency:** Charlotte-Mecklenburg Police Department  
**Permit Number:** 479

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A Gas Chromatograph (FID) with 8697 Headspace Autosampler	07/17/23	07/01/25
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	08/01/21	08/01/23
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	09/01/19	09/01/21
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	09/01/17	09/01/19
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	09/01/15	09/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jonathan Derek DeCenzi

**Agency:** NMS Labs

**Permit Number:** 480

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	06/01/19	06/01/21
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS or API 4500	06/01/19	06/01/21
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	09/01/17	09/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	10/07/15	10/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** John Martin Hendricks

**Agency:** NMS Labs

**Permit Number:** 481

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	10/07/15	10/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Caitlin Marie Cunningham

**Agency:** NMS Labs

**Permit Number:** 482

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	10/07/15	10/01/17
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	10/07/15	10/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Leah Cardine Ali  
**Agency:** NMS Labs  
**Permit Number:** 483

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	10/07/15	10/01/17
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	10/07/15	10/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Shibaughn Tara Ramsey

**Agency:** NMS Labs

**Permit Number:** 484

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	12/01/15	12/01/17
LC-TOF Agilent Jet Stream 6230	12/01/15	12/01/17
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/01/15	12/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Josephine Parks Gottal  
**Agency:** NMS Labs  
**Permit Number:** 485

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	01/19/23	01/01/25
GC-FID Agilent 7890, 6890 & 8890	01/19/23	01/01/25
ELISA Tecan	12/01/15	12/01/17
LC-TOF Agilent Jet Stream 6230	12/01/15	12/01/17
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/01/15	12/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jonathan Keith Butz  
**Agency:** NMS Labs  
**Permit Number:** 486

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	11/01/17	11/01/19
GC/MS Agilent 5973	11/01/17	11/01/19
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/15/15	12/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Heidy Prock  
**Agency:** NMS Labs  
**Permit Number:** 487

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/15/15	12/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Phuong Kim Truong  
**Agency:** NMS Labs  
**Permit Number:** 488

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-TOF Agilent Jet Stream 6230	02/21/22	02/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545 GC/MS 5973/5975		
Agilent 6890A GC,	02/21/22	02/01/24
Agilent 5890 GC, Agilent 7890B GC,	02/21/22	02/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad		
Agilent 6890/5890/7890 GC	09/01/21	09/01/23
Agilent 7890A/6890/7890B GC/MS	09/01/21	09/01/23
Agilent 6890/5890/7890 GC	05/22/20	05/01/22
Agilent 7890A/6890/7890B GC/MS	05/22/20	05/01/22
GC Agilent 6890 NPD	03/23/20	03/01/22
and alcohols HP 6890/5890 GC/FID		
Agilent 5973 GC/MS	03/23/20	03/01/22
GC Agilent 6890 NPD	03/07/16	03/01/18
and alcohols HP 6890/5890 GC/FID		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Stephanie Kathleen Kumor

**Agency:** NMS Labs

**Permit Number:** 489

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	03/29/16	03/01/18
LC-TOF Agilent Jet Stream 6230	03/29/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS,WATERS TQS LC-MS/MS	03/29/16	03/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Korey Paige Raupach  
**Agency:** NMS Labs  
**Permit Number:** 490

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jonathan Fred Goodwin

**Agency:** NMS Labs

**Permit Number:** 491

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	03/07/16	03/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Joseph Anthony Mockus  
**Agency:** NMS Labs  
**Permit Number:** 492

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/07/16	03/01/18

Department of Health and Human Services

Forensic Tests for Alcohol Branch

Individual Permit History for Blood Analysis

**Name:** Nicole Elizabeth (Stader) Wirth

**Agency:** NMS Labs

**Permit Number:** 493

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 6890A GC, Agilent 5890 GC, Agilent 7890B GC, Agilent 7890A GC w/ 5975 MSD, Agilent 6890 GC w/ 5973 MSD, Agilent 7890B GC w/ 7000 GC/MS Triple Quad	11/29/21	11/01/23
Agilent 6890/5890/7890 GC	05/22/20	05/01/22
Agilent 7890A/6890/7890B GC/MS	05/22/20	05/01/22
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	10/01/19	10/01/21
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	10/20/17	10/01/19
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Amanda Jeanne Maulikkumar Patel (Karwel)  
**Agency:** NMS Labs  
**Permit Number:** 494

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 5890, 6890, 7890 or 8890 GC Agilent 5973, 5975 or 5977 GC/MSD	10/06/23	10/01/25
Agilent 5890, 6890, 7890 or 8890 GC Agilent 5973, 5975 or 5977 GC/MSD	01/19/23	01/01/25
LC-MS/MS TQD Tandem Mass Spectrometer LC-MS/MS Waters TQS LC-MS/MS Waters TQXS LC-MS/MS Waters Cronos Micro TQS	01/19/23	01/01/25
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	08/02/22	08/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	08/02/22	08/01/24
LC-MS/MS- TQD Tandem Mass Spectrometer or Waters TQSkari	09/01/21	09/01/23
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/01/19	09/01/21
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	09/01/19	09/01/21
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	09/01/17	09/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Erin Melissa Cosme  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 495

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LC-TOF-MS	01/10/20	01/01/22
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	12/01/19	12/01/21
Agilent Technologies GC/MS	12/01/19	12/01/21
ELISA Tecan Freedom EVO 75 and 150	12/01/19	12/01/21
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	12/01/19	12/01/21
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	03/01/18	03/01/20
Hewlett-Packard GC/MS (6890/5973)	03/01/18	03/01/20
Agilent Technologies GC/MS	03/01/18	03/01/20
ELISA Tecan Freedom EVO 75 and 150	03/01/18	03/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	03/01/18	03/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	05/24/16	05/01/18
Hewlett-Packard GC/MS (6890/5973)	05/24/16	05/01/18
Agilent Technologies GC/MS	05/24/16	05/01/18
ELISA Tecan Freedom EVO 75	05/24/16	05/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	05/24/16	05/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Leonard L. Lee  
**Agency:** NMS Labs  
**Permit Number:** 496

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	05/25/16	05/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Her Men Ng  
**Agency:** NMS Labs  
**Permit Number:** 497

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	05/25/16	05/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Matthew A. Zuchero

**Agency:** NMS Labs

**Permit Number:** 498

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	05/01/22	05/01/24
LC-TOF Agilent Jet Stream 6230	05/01/22	05/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
GC/MS 5973/5975		
ELISA Tecan	05/01/20	05/01/22
ELISA Tecan	05/01/18	05/01/20
ELISA Tecan	05/25/16	05/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Samantha Elizabeth Hill

**Agency:** NMS Labs

**Permit Number:** 499

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
API 4500/4000 LC-MS/MS	05/25/16	05/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Tashnia R. Babar  
**Agency:** NMS Labs  
**Permit Number:** 500

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS	05/01/18	05/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS	05/25/16	05/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Rachel Marie Janson  
**Agency:** Pitt County Sheriff's Office  
**Permit Number:** 501

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890B Gas Chromatograph w/ CTC Headspace Autosampler	03/01/18	03/01/20
Agilent 7890B Gas Chromatograph w/ CTC Headspace Autosampler	06/02/16	06/01/18



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Mary Elizabeth Coleman  
**Agency:** NMS Labs  
**Permit Number:** 502

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	06/27/16	06/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Mindy Elizabeth Hair  
**Agency:** NMS Labs  
**Permit Number:** 503

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230	06/27/16	06/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Ella Haluza

**Agency:** NMS Labs

**Permit Number:** 504

Instrument

Effective

Expires

GC Agilent 6890 NPD  
and alcohols HP 6890/5890 GC/FID

06/27/16

06/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Robert Paul Hessler, Jr.  
**Agency:** NMS Labs  
**Permit Number:** 505

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Sciex API 4500/6500 LC-MS/MS	07/19/22	07/01/24
API 4500/5000/6500 LC-MS/MS	05/01/22	05/01/24
LC-MS/MS TQD Tandem MS or LC-MS/MS Waters TQS	05/22/20	05/01/22
GC/MS Agilent 7890A/ 5975C	05/22/20	05/01/22
GC-GC-GC/MS, Agilent 5973 GC/MS	05/22/20	05/01/22
API 4500/5000/6500 LC-MS/MS	05/22/20	05/01/22
API 4500/4000/ 6500 LC-MS/MS	01/10/20	01/01/22
API 4500/4000/ 6500 LC-MS/MS	02/12/18	02/01/20
API 4500/4000 LC-MS/MS	06/27/16	06/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Brian Christopher Landis  
**Agency:** NMS Labs  
**Permit Number:** 506

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	05/01/18	05/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	05/01/18	05/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/27/16	06/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	06/27/16	06/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Michael David McBride

**Agency:** NMS Labs

**Permit Number:** 507

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	06/27/16	06/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Allison Nicole Vaughan  
**Agency:** NMS Labs  
**Permit Number:** 508

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	12/28/22	12/01/24
API 4500/4000 LC-MS/MS	06/27/16	06/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Rosendo Cristian Villafuerte-Vega

**Agency:** NMS Labs

**Permit Number:** 509

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	06/27/16	06/01/18



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Timothy Michael Yannaccone  
**Agency:** NMS Labs  
**Permit Number:** 510

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
API 4500/5000/6500 LC-MS/MS	05/22/20	05/01/22
API 4500/4000/6500 LC-MS/MS	01/10/20	01/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/27/16	06/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jenna E. Snow  
**Agency:** NMS Labs  
**Permit Number:** 511

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD; alcohols HP 6890/5890 GC/FID; and Agilent 5973 GCMS	09/06/18	09/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	09/21/16	09/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Hao Mong Low  
**Agency:** NMS Labs  
**Permit Number:** 512

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS or API 4500	09/01/18	09/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/21/16	09/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Seth Ryan Hogg  
**Agency:** NMS Labs  
**Permit Number:** 513

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	09/21/16	09/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Danielle Nicole Seamon

**Agency:** NMS Labs

**Permit Number:** 514

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/21/16	09/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Danielle Summer Bernard

**Agency:** NMS Labs

**Permit Number:** 515

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/21/16	09/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kristy S. Bernard  
**Agency:** NMS Labs  
**Permit Number:** 516

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/21/16	09/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Robert A. Brown  
**Agency:** NMS Labs  
**Permit Number:** 517

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/21/16	09/01/18



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Brittany Michelle Watt  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 518

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	08/01/18	08/01/20
ELISA Tecan Freedom EVO 75 and 150	08/01/18	08/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	08/01/18	08/01/20
Hewlett-Packard GC/MS (6890/5973)	08/01/18	08/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	10/17/16	10/01/18
ELISA Tecan Freedom EVO 75	10/17/16	10/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/17/16	10/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Alyssa Leigh Tinnin  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 519

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	08/01/18	08/01/20
ELISA Tecan Freedom EVO 75 and 150	08/01/18	08/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	08/01/18	08/01/20
Hewlett-Packard GC/MS (6890/5973)	08/01/18	08/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	10/17/16	10/01/18
ELISA Tecan Freedom EVO 75	10/17/16	10/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/17/16	10/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Megan Elizabeth Deeds  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 520

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LEAP Technologies Combi-Pal Autosamplers	07/26/23	07/01/25
Agilent 7890 Gas Chromatographs	07/26/23	07/01/25
Agilent Mass Spectrometers (GC/MS)	07/26/23	07/01/25
ELISA Tecan Freedom EVO 75 and 150	07/26/23	07/01/25
Waters Acquity Xevo TQD Liquid Chromatograph	07/26/23	07/01/25
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	07/26/23	07/01/25
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/01/21	10/01/23
Agilent Technologies GC/MS	10/01/21	10/01/23
ELISA Tecan Freedom EVO 75 and 150	10/01/21	10/01/23
Waters Acquity Xevo TQD Liquid Chromatograph	10/01/21	10/01/23
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	10/01/21	10/01/23
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph	01/10/20	01/01/22
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	08/01/18	08/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75 and 150	08/01/18	08/01/20
Waters Acquity Xevo TQD Liquid Chromatograph	08/01/18	08/01/20
Tandem Mass Spectrometry		
Hewlett-Packard GC/MS (6890/5973)	08/01/18	08/01/20

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kathleen Maria Barra  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 521

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LC-TOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	08/01/18	08/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75 and 150	08/01/18	08/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	08/01/18	08/01/20
Hewlett-Packard GC/MS (6890/5973)	08/01/18	08/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	10/27/16	10/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	10/27/16	10/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/27/16	10/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Bryan James Morse  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 522

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LEAP Technologies Combi-Pal Autosamplers	07/26/23	07/01/25
Agilent 7890 Gas Chromatographs	07/26/23	07/01/25
Agilent Mass Spectrometers (GC/MS)	07/26/23	07/01/25
ELISA Tecan Freedom EVO 75 and 150	07/26/23	07/01/25
Waters Acquity Xevo TQD Liquid Chromatograph	07/26/23	07/01/25
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	07/26/23	07/01/25
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/01/21	10/01/23
Agilent Technologies GC/MS	10/01/21	10/01/23
ELISA Tecan Freedom EVO 75 and 150	10/01/21	10/01/23
Waters Acquity Xevo TQD Liquid Chromatograph	10/01/21	10/01/23
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	10/01/21	10/01/23
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph	01/10/20	01/01/22
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	08/01/18	08/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75 and 150	08/01/18	08/01/20
Waters Acquity Xevo TQD Liquid Chromatograph	08/01/18	08/01/20
Tandem Mass Spectrometry		
Hewlett-Packard GC/MS (6890/5973)	08/01/18	08/01/20

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kayla Marie (Baylor) Yang  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 523

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LC-TOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	08/01/18	08/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75 and 150	08/01/18	08/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	08/01/18	08/01/20
Hewlett-Packard GC/MS (6890/5973)	08/01/18	08/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	10/27/16	10/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	10/27/16	10/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/27/16	10/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Curtis Neil Reinbold  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 524

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	02/06/20	02/01/22
Agilent Technologies GC/MS	02/06/20	02/01/22
ELISA Tecan Freedom EVO 75 and 150	02/06/20	02/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	02/06/20	02/01/22
SCIEX X500R LCTOF-MS	02/06/20	02/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	08/01/18	08/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75 and 150	08/01/18	08/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	08/01/18	08/01/20
Hewlett-Packard GC/MS (6890/5973)	08/01/18	08/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	10/27/16	10/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	10/27/16	10/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/27/16	10/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Stephanie Lyn Schaffer  
**Agency:** NMS Labs  
**Permit Number:** 525

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	12/06/16	12/01/18



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Devin Corrine Lee  
**Agency:** NMS Labs  
**Permit Number:** 526

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230	08/09/23	08/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	08/09/23	08/01/25
Agilent 5890, 6890, 7890 or 8890 GC	08/09/23	08/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
LC-TOF Agilent Jet Stream 6230	08/04/21	08/01/23
LC-QTOF Agilent Dual Jet Stream 6530 & 6545		
Agilent 5973 & 5975 GC/MS		
Agilent 6890A GC, Agilent 5890 GC,	08/04/21	08/01/23
Agilent 7890B GC, Agilent 7890A GC w/		
5975 MSD, Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad		
LC-TOF Agilent Jet Stream 6230	05/22/20	05/01/22
LC-QTOF Agilent Dual Jet Stream 6530/6545	05/22/20	05/01/22
GC/MS 5973/5975	05/22/20	05/01/22
Agilent 6890/5890/7890 GC	05/22/20	05/01/22
Agilent 7890A/6890/7890B GC/MS	05/22/20	05/01/22
LC-TOF Agilent Jet Stream 6230	03/23/20	03/01/22
LC-QTOF Agilent Dual Jet Stream 6530	03/23/20	03/01/22
GC/MS 5973/5975	03/23/20	03/01/22
GC Agilent 6890 NPD	03/23/20	03/01/22
and alcohols HP 6890/5890 GC/FID,		
Agilent 5973 GCMS		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Taryn Malootian  
**Agency:** NMS Labs  
**Permit Number:** 527

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	08/02/22	08/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	08/02/22	08/01/24
LC-MS/MS Waters TQS or TQD Tandem MS	11/24/20	11/01/22
GC/MS Agilent 7890A & 5975C, GC-GC-GC/MS, Agilent 5973 GCMS	11/24/20	11/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/04/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/04/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/06/16	12/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Brandon Nathaniel Nelson  
**Agency:** NMS Labs  
**Permit Number:** 528

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	04/26/23	04/01/25
Agilent 5890, 6890, 7890 or 8890 GC	04/26/23	04/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent 5890, 6890, 7890 or 8890 GC	03/10/23	03/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
TQD Tandem MS, Waters TQS LC-MS/MS, Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS,	08/04/21	08/01/23
API 4500/5000/6500 LC-MS/MS	08/04/21	08/01/23
Agilent 7890A GC w/5975C Triple Axis MSD, Agilent 6890A GC w/5973 MSD, Agilent 6890N GC w/ 5975 MSSD, LC-QTOF Agilent Dual Jet Stream 6545, Waters Xevo TQ-XS LC-MSMS, Sciex 6500+ LC-MSMS, Agilent Jet Stream 6465 Ultivo LC-TQ LC-MSMS, Tecan Beckman AU480	08/04/21	08/01/23
LC-MS/MS Waters Micromass Quattro Premier, TQD Tandem MS, API 4500	09/17/20	09/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/06/16	12/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Alison Palombo  
**Agency:** NMS Labs  
**Permit Number:** 529

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	12/06/16	12/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Courtney Renee Lancor

**Agency:** NMS Labs

**Permit Number:** 530

Instrument

GC/MS Agilent 7890A & 5975C  
GC-GC-GC/MS, Agilent 5973 GCMS,  
WATERS TQS LC-MS/MS

Effective

02/20/17

Expires

02/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Emily Ann Myers  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 531

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	04/03/17	04/01/19
ELISA Tecan Freedom EVO 75	04/03/17	04/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	04/03/17	04/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Matthew Richard Gurniak  
**Agency:** NMS Labs  
**Permit Number:** 532

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	05/01/17	05/01/19

Department of Health and Human Services

Forensic Tests for Alcohol Branch

Individual Permit History for Blood Analysis

**Name:** Meaghan Marie Ringel

**Agency:** NMS Labs

**Permit Number:** 533

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	12/28/22	12/01/24
LC-TOF Agilent Jet Stream 6230	12/28/22	12/01/24
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	12/28/22	12/01/24
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	12/28/22	12/01/24
ELISA-Tecan	08/02/22	08/01/24
LC-TOF Agilent Jet Stream 6230	08/02/22	08/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
HP 6890/7890/ 8890 GC/FID	08/02/22	08/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS	08/02/22	08/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	08/02/22	08/01/24
Agilent 5973 GC/MS, Agilent 6890A GC,	08/02/22	08/01/24
Agilent 5890 GC, Agilent 7890B GC,	08/02/22	08/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	08/02/22	08/01/24
Sciex API 4500/6500 LC-MS/MS	08/02/22	08/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD,		
Agilent 6890A GC w/ 5973 MSD, Agilent 6890N		
GC w/ 5975 MSSD, Agilent Dual Jet Stream		
6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+,	08/02/22	08/01/24
Agilent Jet Stream 6465 Ultivo LC-TQ,		
Beckman AU480	08/02/22	08/01/24

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 06/28/17.



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Estefania Joselinne Alba-Rodriguez

**Agency:** NMS Labs

**Permit Number:** 534

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	06/28/17	06/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Mercedes Nicole Bauman

**Agency:** NMS Labs

**Permit Number:** 535

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA-Tecan	04/27/18	04/01/20
LC-TOF Agilent Jet Stream 6230	04/27/18	04/01/20
LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GCMS		
LC-TOF Agilent Jet Stream 6230	06/28/17	06/01/19
Agilent 5973/5975 GCMS	06/28/17	06/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Amanda Lucia D'Orazio

**Agency:** NMS Labs

**Permit Number:** 536

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	01/18/23	01/01/25
LC-TOF Agilent Jet Stream 6230	01/18/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890 GC	01/18/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC	01/18/23	01/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	01/18/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD, Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	01/18/23	01/01/25
LC-MS/MS Waters TQS; LC-MS/MS Waters		
TQXS; LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	01/18/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	01/18/23	01/01/25
ELISA-Tecan	07/26/22	07/01/24
LC-TOF Agilent Jet Stream 6230	07/26/22	07/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
HP 6890/7890/ 8890 GC/FID	07/26/22	07/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS	07/26/22	07/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	07/26/22	07/01/24
Agilent 5973 GC/MS, Agilent 6890A GC,	07/26/22	07/01/24
Agilent 5890 GC, Agilent 7890B GC,	07/26/22	07/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	07/26/22	07/01/24
Sciex API 4500/6500 LC-MS/MS	07/26/22	07/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD,		
Agilent 6890A GC w/ 5973 MSD, Agilent 6890N		
GC w/ 5975 MSSD, Agilent Dual Jet Stream		
6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+,	07/26/22	07/01/24
Agilent Jet Stream 6465 Ultivo LC-TQ,		
Beckman AU480	07/26/22	07/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Eleni Debra (Kotretsos) Karasek

**Agency:** NMS Labs

**Permit Number:** 537

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 5890, 6890, 7890 or 8890 GC	08/02/23	08/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	08/02/23	08/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-TOF Agilent Jet Stream 6230	09/27/22	09/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
GC/MS 5973/5975, Agilent 6890A GC,	09/27/22	09/01/24
Agilent 5890 GC, Agilent 7890B GC,	09/27/22	09/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad		
LC-TOF Agilent Jet Stream 6230	02/21/22	02/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
GC/MS 5973/5975		
HP 6890/7890/ 8890 GC/FID	02/21/22	02/01/24
Agilent 6890A GC,		
Agilent 5890 GC, Agilent 7890B GC,	02/21/22	02/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad		

Department of Health and Human Services

Forensic Tests for Alcohol Branch

Individual Permit History for Blood Analysis

**Name:** Caitlyn Mary McGrellis

**Agency:** NMS Labs

**Permit Number:** 538

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA-Tecan	07/09/20	07/01/22
LC-TOF Agilent Jet Stream 6230	07/09/20	07/01/22
LC-QTOF Agilent Dual Jet Stream 6530 & 6545		
Agilent 5973 & 5975 GC/MS	07/09/20	07/01/22
Agilent 6890/5890/7890 GC	07/09/20	07/01/22
Agilent 7890A/6890/7890B GC/MS	07/09/20	07/01/22
ELISA-Tecan	06/01/19	06/01/21
LC-TOF Agilent Jet Stream 6230	06/01/19	06/01/21
LC-QTOF Agilent Dual Jet Stream 6530		
Agilent 5973/5975 GCMS		
ELISA Tecan	06/28/17	06/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kyle P. Miller  
**Agency:** NMS Labs  
**Permit Number:** 539

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer LC-MS/MS Waters TQS LC-MS/MS Waters TQXS LC-MS/MS Waters Cronos Micro TQS LC-MS/MS Waters Xevo Micro TQS	02/02/24	02/01/26
LC-MS/MS TQD Tandem Mass Spectrometer LC-MS/MS Waters TQS LC-MS/MS Waters TQXS LC-MS/MS Waters Cronos Micro TQS	01/19/23	01/01/25
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	09/27/22	09/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	09/27/22	09/01/24
LC-MS/MS TQD Tandem MS, WATERS TQS LC-MS/MS	05/24/21	05/01/23
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS	05/24/21	05/01/23
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	06/01/19	06/01/21
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS or API 4500	06/01/19	06/01/21

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Mia A. Borrelli  
**Agency:** NMS Labs  
**Permit Number:** 540

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	06/28/17	06/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lindsay Carole Pinkstone  
**Agency:** NMS Labs  
**Permit Number:** 541

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC	02/02/24	02/01/26
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/M Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
GC-FID Agilent 7890, 6890 & 8890	08/02/23	08/01/25
Agilent 5890, 6890, 7890 or 8890 GC	08/02/23	08/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	08/02/23	08/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	08/02/23	08/01/25
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	12/28/22	12/01/24



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Victoria Lauren (Stewart) Hill  
**Agency:** NMS Labs  
**Permit Number:** 542

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 5890, 6890, 7890 or 8890 GC	01/16/24	01/01/26
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	01/16/24	01/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	01/16/24	01/01/26
GC-FID Agilent 7890, 6890 & 8890	08/02/23	08/01/25
Agilent 5890, 6890, 7890 or 8890 GC	08/02/23	08/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	08/02/23	08/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
HP 6890/7890/ 8890 GC/FID	07/26/22	07/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	07/26/22	07/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	07/26/22	07/01/24
Sciex API 4500/6500 LC-MS/MS	07/26/22	07/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Anthony Michael Poidmani  
**Agency:** NMS Labs  
**Permit Number:** 543

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	10/20/17	10/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Cierra DeAngela Bell  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 544

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LC-TOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/01/19	09/01/21
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75 and 150	09/01/19	09/01/21
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/01/19	09/01/21
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	12/01/17	12/01/19
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75 and 150	12/01/17	12/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	12/01/17	12/01/19
Hewlett-Packard GC/MS (6890/5973)	12/01/17	12/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Olivia Tarlo  
**Agency:** NMS Labs  
**Permit Number:** 545

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
HP 6890/7890/8890 GC/FID	05/01/22	05/01/24
HP 6890/7890/ 8890 GC/FID	05/22/20	05/01/22
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	10/01/19	10/01/21
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	12/06/17	12/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Alexis Cheryl Harrington  
**Agency:** NMS Labs  
**Permit Number:** 546

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890B GC with Dual FID Agilent GC Sampler 80	10/01/19	10/01/21
Agilent 7890B GC with Dual FID Agilent GC Sampler 80	12/15/17	12/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Ian Conrad Hall  
**Agency:** NMS Labs  
**Permit Number:** 547

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	07/19/22	07/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	07/19/22	07/01/24
Sciex API 4500/6500 LC-MS/MS	07/19/22	07/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS	11/02/21	11/01/23
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS,	11/02/21	11/01/23
API 4500/5000/6500 LC-MS/MS	11/02/21	11/01/23
API 4500/5000/6500 LC-MS/MS	05/22/20	05/01/22
API 4500/4000/ 6500 LC-MS/MS	01/10/20	01/01/22
API 4500/4000/ 6500 LC-MS/MS	02/12/18	02/01/20

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kenton J. Codara  
**Agency:** NMS Labs  
**Permit Number:** 548

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	02/12/18	02/01/20

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lin-Lon Tina Yang  
**Agency:** NMS Labs  
**Permit Number:** 549

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/02/24	02/01/26
LC-TOF Agilent Jet Stream 6230	02/02/24	02/01/26
LC-QTOF Agilent Dual Jet Stream 6545		
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
ELISA Tecan	10/25/23	10/01/25
LC-TOF Agilent Jet Stream 6230	10/25/23	10/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
LC-MS/MS TQD Tandem Mass Spectrometer	10/25/23	10/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
ELISA-Tecan	12/22/21	12/01/23
LC-TOF Agilent Jet Stream 6230	12/22/21	12/01/23
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
ELISA-Tecan	01/10/20	01/01/22
LC-TOF Agilent Jet Stream 6230	01/10/20	01/01/22
LC-QTOF Agilent Dual Jet Stream 6530		
Agilent 5973/5975 GCMS		



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Forensic Tests for Alcohol Branch

Individual Permit History for Blood Analysis

**Name:** Sharana Darcel Cook

**Agency:** NMS Labs

**Permit Number:** 550

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	01/26/23	01/01/25
LC-TOF Agilent Jet Stream 6230	01/26/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	01/26/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC	01/26/23	01/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	01/26/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	01/26/23	01/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	01/26/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	01/26/23	01/01/25
LC-MS/MS TQD Tandem MS, LC-MS/MS		
Waters TQS/ Waters TQXS	08/02/22	08/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS,	08/02/22	08/01/24
Agilent 5973 GC/MS		
LC-MS/MS TQD Tandem MS, LC-MS/MS		
Waters TQS	03/23/22	03/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS,	03/23/22	03/01/24
Agilent 5973 GC/MS		
LC-MS/MS Waters Micromass	04/01/20	04/01/22
Quattro Premier or TQD Tandem MS or API 4500		
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS,	04/01/20	04/01/22
Agilent 5973 GCMS, Waters TQS LC-MS/MS		
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS,	04/27/18	04/01/20
Agilent 5973 GCMS, Waters TQS LC-MS/MS		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Cuong Luu  
**Agency:** NMS Labs  
**Permit Number:** 551

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS TQD Tandem Mass Spectrometer	01/19/23	01/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	08/02/22	08/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	08/02/22	08/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS	02/21/22	02/01/24
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	03/23/20	03/01/22
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/23/20	03/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lauren Elizabeth Rumberger  
**Agency:** NMS Labs  
**Permit Number:** 552

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	04/27/18	04/01/20

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Amanda Jeanette Pickett Martin

**Agency:** NMS Labs

**Permit Number:** 553

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890B GC with Dual FID Agilent GC Sampler 80	05/10/18	05/01/20

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Carla Nicole Peguese

**Agency:** New Hanover County Sheriff's Office Forensic Laboratory

**Permit Number:** 554

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Thermo Scientific Trace GC Ultra and Trace 1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	06/14/23	06/01/25
Thermo Scientific Trace GC Ultra and Trace 1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	08/01/21	08/01/23
Thermo Scientific Trace GC Ultra and Trace 1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	11/15/19	11/01/21
Thermo Scientific Trace GC Ultra and Trace 1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	06/27/18	06/01/20

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Alyssa Nicole Page  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 555

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/01/21	10/01/23
Agilent Technologies GC/MS	10/01/21	10/01/23
ELISA Tecan Freedom EVO 75 and 150	10/01/21	10/01/23
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/01/21	10/01/23
SCIEX X500R LC-QTOF-MS	10/01/21	10/01/23
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LC-QTOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	07/17/18	07/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75 and 150	07/17/18	07/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	07/17/18	07/01/20
Hewlett-Packard GC/MS (6890/5973)	07/17/18	07/01/20

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lauren Leigh Wiley  
**Agency:** City-County Bureau of Identification  
**Permit Number:** 556

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	04/04/22	04/01/24
Agilent GC/MS (7890/5875)	04/04/22	04/01/24
ELISA-Tecan Freedom EVO 75	04/04/22	04/01/24
Shimadzu LC/MS-MS	04/04/22	04/01/24
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	05/22/20	05/01/22
Agilent GC/MS (7890/5875)	05/22/20	05/01/22
ELISA-Tecan Freedom EVO 75	05/22/20	05/01/22
Shimadzu LC/MS-MS	05/22/20	05/01/22
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	08/15/18	08/01/20
Agilent GC/MS (7890A/5875C)	08/15/18	08/01/20

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Charles A. DiMaggio  
**Agency:** NMS Labs  
**Permit Number:** 557

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Sciex API 4500 or 6500	10/24/23	10/01/25
Sciex API 4500/6500 LC-MS/MS	08/02/22	08/01/24
API 4500/5000/6500 LC-MS/MS	05/01/22	05/01/24
API 4500/5000/6500 LC-MS/MS	05/22/20	05/01/22
API 4500/4000/6500LC-MS/MS	05/01/20	05/01/22
API 4500/4000/6500LC-MS/MS	05/25/18	05/01/20



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Aaron Melvin Katz  
**Agency:** NMS Labs  
**Permit Number:** 558

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer LC-MS/MS Waters TQS LC-MS/MS Waters TQXS LC-MS/MS Waters Cronos Micro TQS LC-MS/MS Waters Xevo Micro TQS	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC Agilent 5973, 5975 or 5977 GC/MSD LC-MS/MS TQD Tandem Mass Spectrometer LC-MS/MS Waters TQS LC-MS/MS Waters TQXS LC-MS/MS Waters Cronos Micro TQS	12/28/22	12/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	07/14/22	07/01/24
LC-MS/MS TQD Tandem MS, WATERS TQS LC-MS/MS GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS	05/01/22	05/01/24
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS API 4500	05/01/20	05/01/22
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	05/01/20	05/01/22

Department of Health and Human Services

Forensic Tests for Alcohol Branch

**Name:** Timothy Vincent DeVincenzo Individual Permit History for Blood Analysis

**Agency:** NMS Labs

**Permit Number:** 559

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	12/04/18	12/01/20

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Shaquita L.D. Grier  
**Agency:** NMS Labs  
**Permit Number:** 560

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	02/01/19	02/01/21

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Courtney Chantal Wengerd  
**Agency:** NMS Labs  
**Permit Number:** 561

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230 LC-QTOF Agilent Dual Jet Stream 6530/6545 Agilent 5973/5975 GCMS	02/01/21	02/01/23
LC-TOF Agilent Jet Stream 6230 LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GCMS	02/01/19	02/01/21

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Michael Piwowar  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 562

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent Gas Chromatograph w/ Headspace Autosampler	08/21/19	08/01/21

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Briana Rose Travatello  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 563

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LEAP Technologies Combi-Pal Autosamplers	07/26/23	07/01/25
Agilent 7890 Gas Chromatographs	07/26/23	07/01/25
Agilent Mass Spectrometers (GC/MS)	07/26/23	07/01/25
ELISA Tecan Freedom EVO 75 and 150	07/26/23	07/01/25
Waters Acquity Xevo TQD Liquid Chromatograph	07/26/23	07/01/25
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	07/26/23	07/01/25
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/01/21	10/01/23
Agilent Technologies GC/MS	10/01/21	10/01/23
ELISA Tecan Freedom EVO 75 and 150	10/01/21	10/01/23
Waters Acquity Xevo TQD Liquid Chromatograph	10/01/21	10/01/23
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	10/01/21	10/01/23
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph	01/10/20	01/01/22
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	01/10/20	01/01/22
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	12/19/19	12/01/21
Agilent Technologies GC/MS	12/19/19	12/01/21
ELISA Tecan Freedom EVO 75 and 150	12/19/19	12/01/21
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	12/19/19	12/01/21
Agilent Gas Chromatograph w/ Headspace Autosampler	08/21/19	08/01/21

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Delilah R. DeWilde  
**Agency:** NMS Labs  
**Permit Number:** 564

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS API 4500	09/04/19	09/01/21
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	09/04/19	09/01/21

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Brittany Dosch  
**Agency:** NMS Labs  
**Permit Number:** 565

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
API 4500/5000/6500 LC-MS/MS	09/01/21	09/01/23
API 4500/4000/6500 LC-MS/MS	09/04/19	09/01/21



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Allison Nicole Rosengarden  
**Agency:** NMS Labs  
**Permit Number:** 566

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA-Tecan	09/27/22	09/01/24
LC-TOF Agilent Jet Stream 6230	09/27/22	09/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545 Agilent 5973/5975 GCMS Sciex API 4500/6500 LC-MS/MS	09/27/22	09/01/24
LC-TOF Agilent Jet Stream 6230	09/01/21	09/01/23
LC-QTOF Agilent Dual Jet Stream 6530/6545 GC/MS 5973/5975		
LC-TOF Agilent Jet Stream 6230	09/04/19	09/01/21
LC-QTOF Agilent Dual Jet Stream 6530/6545 Agilent 5973/5975 GCMS		
LC-TOF Agilent Jet Stream 6230	09/04/19	09/01/21
LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GCMS		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Nicholas Peter Laraia  
**Agency:** NMS Labs  
**Permit Number:** 567

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
Waters TQS/ Waters TQXS	09/09/22	09/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS,	09/09/22	09/01/24
Agilent 5973 GC/MS		
LC-MS/MS TQD Tandem MS, LC-MS/MS		
Waters TQS	09/27/21	09/01/23
Agilent 7890A/ 5975C GC-GC-GC/MS,		
Agilent 5973 GC/MS	09/27/21	09/01/23
LC-MS/MS Waters Micromass	10/03/19	10/01/21
Quattro Premier or TQD Tandem MS		
API 4500		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Courtney Leigh Scharer  
**Agency:** NMS Labs  
**Permit Number:** 568

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
HP 6890/7890/ 8890 GC/FID	05/01/22	05/01/24
HP 6890/7890/ 8890 GC/FID	05/22/20	05/01/22
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	09/04/19	09/01/21

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Michael Patrick Harvan  
**Agency:** NMS Labs  
**Permit Number:** 569

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
HP 6890/7890/ 8890 GC/FID	05/22/20	05/01/22
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	09/04/19	09/01/21

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Shannon Kathleen Gordon  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 570

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/03/19	10/01/21

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jeremy Brett Ellis  
**Agency:** NMS Labs  
**Permit Number:** 571

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
API 4500/5000/6500 LC-MS/MS	05/22/20	05/01/22
API 4500/4000/6500 LC-MS/MS	10/10/19	10/01/21

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Eric Kenneth Beyer  
**Agency:** NMS Labs  
**Permit Number:** 572

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
API 4500/5000/6500 LC-MS/MS	05/01/22	05/01/24
API 4500/5000/6500 LC-MS/MS	05/22/20	05/01/22
API 4500/4000/6500 LC-MS/MS	10/10/19	10/01/21

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Mary Reider Van Ellis  
**Agency:** NMS Labs  
**Permit Number:** 573

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	08/02/22	08/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	08/02/22	08/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS	09/27/21	09/01/23
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	09/27/21	09/01/23
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	10/10/19	10/01/21
GC/MS Agilent 7890A & 5975C	10/10/19	10/01/21
GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	10/10/19	10/01/21



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Allison M. Dinwoodie  
**Agency:** NMS Labs  
**Permit Number:** 574

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
HP 6890/7890/ 8890 GC/FID	05/22/20	05/01/22
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	10/10/19	10/01/21

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Rebecca Kate Turner  
**Agency:** NMS Labs  
**Permit Number:** 575

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-TOF Agilent Jet Stream 6230	02/22/23	02/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
LC-MS/MS TQD Tandem Mass Spectrometer	02/22/23	02/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-TOF Agilent Jet Stream 6230	10/25/22	10/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
GC/MS 5973/5975		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	10/25/22	10/01/24
ELISA-Tecan	10/10/19	10/01/21
LC-TOF Agilent Jet Stream 6230	10/10/19	10/01/21
LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GCMS		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jessica Susan Duchene

**Agency:** New Hanover County Sheriff's Office Forensic Laboratory

**Permit Number:** 576

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Thermo Scientific Trace 1310 GC w/TriPlus (RSH) Autosampler and Flame Ionization Detector	06/28/23	06/01/25
Thermo Scientific Trace GC Ultra and Trace 1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	11/19/19	11/01/21

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Danielle Ruth Lofgren

**Agency:** NMS Labs

**Permit Number:** 577

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 6890/5890/7890 GC	05/22/20	05/01/22
Agilent 7890A/6890/7890B GC/MS	05/22/20	05/01/22
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	11/18/19	11/01/21

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Cara Mackenzie Nicodemus  
**Agency:** NMS Labs  
**Permit Number:** 578

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Sciex API 4500/6500 LC-MS/MS	07/19/22	07/01/24
API 4500/5000/6500 LC-MS/MS	11/29/21	11/01/23
API 4500/4000/6500 LC-MS/MS	11/18/19	11/01/21

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Ryan Keith Piscopo  
**Agency:** NMS Labs  
**Permit Number:** 579

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Sciex API 4500/6500 LC-MS/MS	07/26/22	07/01/24
API 4500/5000/6500 LC-MS/MS	05/01/22	05/01/24
API 4500/5000/6500 LC-MS/MS	05/22/20	05/01/22
API 4500/4000/6500 LC-MS/MS	11/18/19	11/01/21

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Victoria E. Becker  
**Agency:** NMS Labs  
**Permit Number:** 580

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	08/23/22	08/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	08/23/22	08/01/24
Sciex API 4500/6500 LC-MS/MS	08/23/22	08/01/24
TQD Tandem MS, Waters TQS LC-MS/MS, Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS,	08/04/21	08/01/23
API 4500/5000/6500 LC-MS/MS	08/04/21	08/04/23
API 4500/5000/6500 LC-MS/MS	05/22/20	05/01/22
API 4500/4000/6500 LC-MS/MS	11/18/19	11/01/21

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Hannah Lee Watts  
**Agency:** NMS Labs  
**Permit Number:** 581

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	10/25/22	10/01/24
HP 6890/7890/ 8890 GC/FID	10/25/22	10/01/24
ELISA-Tecan	11/18/19	11/01/21
LC-TOF Agilent Jet Stream 6230	11/18/19	11/01/21
LC-QTOF Agilent Dual Jet Stream 6530		
Agilent 5973/5975 GCMS		



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kendra Leigh Carvalho  
**Agency:** NMS Labs  
**Permit Number:** 582

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
TQD Tandem MS, Waters TQS LC-MS/MS, Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS,	11/29/21	11/01/23
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	12/14/19	12/01/21
GC/MS Agilent 7890A & 5975C	12/14/19	12/01/21
GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/14/19	12/01/21

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Michael Peprah  
**Agency:** NMS Labs  
**Permit Number:** 583

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230 LC-QTOF Agilent Dual Jet Stream 6545 Agilent 5890, 6890, 7890 or 8890 GC Agilent 5973, 5975 or 5977 GC/MSD	10/24/23	10/01/25
LC-TOF Agilent Jet Stream 6230 LC-QTOF Agilent Dual Jet Stream 6530/6545 Agilent 5973/5975 GCMS	11/29/21	11/01/23
LC-TOF Agilent Jet Stream 6230 LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GCMS	12/14/19	12/01/21

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Emily Pearl Thompson  
**Agency:** NMS Labs  
**Permit Number:** 584

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 5890, 6890, 7890 or 8890 GC	02/02/24	02/01/26
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	10/25/22	10/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	10/25/22	10/01/24
TQD Tandem MS, Waters TQS LC-MS/MS, Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS,	11/29/21	11/01/23
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	12/14/19	12/01/21
GC/MS Agilent 7890A & 5975C	12/14/19	12/01/21
GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/14/19	12/01/21

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Gillian Vitale  
**Agency:** NMS Labs  
**Permit Number:** 585

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
TQD Tandem MS, Waters TQS LC-MS/MS, Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS,	12/22/21	12/01/23
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	01/10/20	01/01/22
GC/MS Agilent 7890A & 5975C	01/10/20	01/01/22
GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/10/20	01/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Samantha M. Girvan  
**Agency:** NMS Labs  
**Permit Number:** 586

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem MS, WATERS TQS LC-MS/MS	01/24/22	01/01/24
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS	01/24/22	01/01/24
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	02/13/20	02/01/22
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	02/13/20	02/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Keti Chen  
**Agency:** NMS Labs  
**Permit Number:** 587

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	08/23/22	08/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	08/23/22	08/01/24
Sciex API 4500/6500 LC-MS/MS	08/23/22	08/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD, Agilent 6890A GC w/ 5973 MSD, Agilent 6890N GC w/ 5975 MSSD, Agilent Dual Jet Stream 6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+, Agilent Jet Stream 6465 Ultivo LC-TQ, Beckman AU480	08/23/22	08/01/24
LC-TOF Agilent Jet Stream 6230	01/24/22	01/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545 GC/MS 5973/5975		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS	01/24/22	01/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS		
API 4500/5000/6500 LC-MS/MS	01/24/22	01/01/24
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	02/13/20	02/01/22
GC/MS Agilent 7890A & 5975C	02/13/20	02/01/22
GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	02/13/20	02/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jesse James Swan  
**Agency:** NMS Labs  
**Permit Number:** 588

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem MS, WATERS TQS LC-MS/MS	01/24/22	01/01/24
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS	01/24/22	01/01/24
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	02/13/20	02/01/22
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	02/13/20	02/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Makayla Alexandra LoChiatto

**Agency:** NMS Labs

**Permit Number:** 589

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	12/20/23	12/01/25
LC-TOF Agilent Jet Stream 6230	12/20/23	12/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
ELISA Tecan	01/18/22	01/01/24
ELISA Tecan	02/21/20	02/01/22



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
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**Name:** Matthew Paul Mohacey  
**Agency:** NMS Labs  
**Permit Number:** 590

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	02/21/20	02/01/22
GC/MS Agilent 7890A & 5975C	02/21/20	02/01/22
GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	02/21/20	02/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Gabrielle Sawick  
**Agency:** NMS Labs  
**Permit Number:** 591

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230	09/27/22	09/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
Sciex API 4500/6500 LC-MS/MS	09/27/22	09/01/24
LC-TOF Agilent Jet Stream 6230	03/23/22	03/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
GC/MS 5973/5975		
LC-TOF Agilent Jet Stream 6230,	04/20/20	04/01/22
LC-QTOF Agilent Dual Jet Stream 6530		
Agilent 5973/5975 GC/MS		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Morgan Melanie Hensley

**Agency:** New Hanover County Sheriff's Office Forensic Laboratory

**Permit Number:** 592

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Thermo Scientific Trace GC Ultra and Trace 1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	04/04/22	04/01/24
Thermo Scientific Trace GC Ultra and Trace 1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/19/20	05/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Joseph Nicholas Russo  
**Agency:** NMS Labs  
**Permit Number:** 593

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
HP 6890/7890/ 8890 GC/FID	05/01/22	05/01/24
HP 6890/7890/ 8890 GC/FID	05/22/20	05/01/22
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	03/23/20	03/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jessica Sara Mauser  
**Agency:** NMS Labs  
**Permit Number:** 594

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	10/25/23	10/01/25
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
HP 6890/7890/ 8890 GC/FID	05/01/22	05/01/24
HP 6890/7890/ 8890 GC/FID	05/22/20	05/01/22
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/23/20	03/01/22
Agilent 5973 GC/MS	03/23/20	03/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kathleen Rose Molski  
**Agency:** NMS Labs  
**Permit Number:** 595

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
API 4500/5000/6500 LC-MS/MS	05/01/22	05/01/24
API 4500/5000/6500 LC-MS/MS	05/22/20	05/01/22
API 4500/4000/6500 LC-MS/MS	03/23/20	03/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Dylan Chase (Moore) Schimpf  
**Agency:** NMS Labs  
**Permit Number:** 596

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230	01/16/24	01/01/26
LC-QTOF Agilent Dual Jet Stream 6545		
Agilent 5890, 6890, 7890 or 8890 GC	01/16/24	01/01/26
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	01/16/24	01/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	01/16/24	01/01/26
LC-TOF Agilent Jet Stream 6230	08/02/23	08/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
Agilent 5890, 6890, 7890 or 8890 GC	08/02/23	08/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	08/02/23	08/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	08/02/23	08/01/25
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	12/28/22	12/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Beth Marie Slaybaugh  
**Agency:** NMS Labs  
**Permit Number:** 597

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
HP 6890/7890/ 8890 GC/FID	07/01/22	07/01/24
HP 6890/7890/ 8890 GC/FID	07/09/20	07/01/22



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Alejandro Hurtado  
**Agency:** NMS Labs  
**Permit Number:** 598

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
HP 6890/7890/ 8890 GC/FID	07/09/20	07/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lindsay Elizabeth Cheeseman  
**Agency:** NMS Labs  
**Permit Number:** 599

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	08/02/23	08/01/25
Sciex API 4500/6500 LC-MS/MS	07/19/22	07/01/24
HP 6890/7890/ 8890 GC/FID	09/27/21	09/01/23
API 4500/5000/6500 LC-MS/MS	09/27/21	09/01/23
HP 6890/7890/ 8890 GC/FID	08/06/20	08/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Hannah Rose Grossmann

**Agency:** NMS Labs

**Permit Number:** 600

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	02/02/24	02/01/26
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
GC-FID Agilent 7890, 6890 & 8890	08/02/23	08/01/25
LC-MS/MS TQD Tandem Mass Spectrometer	08/02/23	08/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
HP 6890/7890/ 8890 GC/FID	09/01/22	09/01/24
HP 6890/7890/ 8890 GC/FID	09/17/20	09/01/22

Department of Health and Human Services  
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**Name:** Victoria Noel Black

**Agency:** NMS Labs

**Permit Number:** 601

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem MS, WATERS TQS LC-MS/MS	09/17/20	09/01/22
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS	09/17/20	09/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lori Marie Neri  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 602

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LEAP Technologies Combi-Pal Autosamplers	07/26/23	07/01/25
Agilent 7890 Gas Chromatographs	07/26/23	07/01/25
Agilent Mass Spectrometers (GC/MS)	07/26/23	07/01/25
ELISA Tecan Freedom EVO 75 and 150	07/26/23	07/01/25
Waters Acquity Xevo TQD Liquid Chromatograph	07/26/23	07/01/25
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	07/26/23	07/01/25
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/11/22	01/01/24
Agilent Technologies GC/MS	01/11/22	01/01/24
ELISA Tecan Freedom EVO 75 and 150	01/11/22	01/01/24
Waters Acquity Xevo TQD Liquid Chromatograph	01/11/22	01/01/24
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	01/11/22	01/01/24
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/01/20	10/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kari Danielle Tabor  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 603

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LEAP Technologies Combi-Pal Autosamplers	07/26/23	07/01/25
Agilent 7890 Gas Chromatographs	07/26/23	07/01/25
Agilent Mass Spectrometers (GC/MS)	07/26/23	07/01/25
ELISA Tecan Freedom EVO 75 and 150	07/26/23	07/01/25
Waters Acquity Xevo TQD Liquid Chromatograph	07/26/23	07/01/25
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	07/26/23	07/01/25
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/11/22	01/01/24
Agilent Technologies GC/MS	01/11/22	01/01/24
ELISA Tecan Freedom EVO 75 and 150	01/11/22	01/01/24
Waters Acquity Xevo TQD Liquid Chromatograph	01/11/22	01/01/24
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	01/11/22	01/01/24
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/01/20	10/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jessica N. Hyska  
**Agency:** NMS Labs  
**Permit Number:** 604

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
API 4500/5000/6500 LC-MS/MS	10/14/20	10/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Stacy Jordan Davis  
**Agency:** NMS Labs  
**Permit Number:** 605

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS	02/21/22	02/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS,	02/21/22	02/01/24
API 4500/5000/6500 LC-MS/MS	02/21/22	02/01/24
LC-MS/MS TQD Tandem MS, WATERS TQS LC-MS/MS	10/14/20	10/01/22
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS	10/14/20	10/01/22



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Shannon Marie Cattie  
**Agency:** NMS Labs  
**Permit Number:** 606

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A GC w/ 5975C Triple Axis MSD, Agilent 6890A GC w/ 5973 MSD, Agilent 6890N GC w/ 5975 MSSD, Agilent Dual Jet Stream 6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+, Agilent Jet Stream 6465 Ultivo LC-TQ, Beckman AU480	11/01/22	11/01/24
HP 6890/7890/ 8890 GC/FID	11/04/20	11/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Emily Townsend Kopp  
**Agency:** NMS Labs  
**Permit Number:** 607

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
HP 6890/7890/ 8890 GC/FID	11/01/22	11/01/24
HP 6890/7890/ 8890 GC/FID	11/04/20	11/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Melanie Rae Murphy  
**Agency:** NMS Labs  
**Permit Number:** 608

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	11/01/22	11/01/24
LC-TOF Agilent Jet Stream 6230	11/01/22	11/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
GC/MS 5973/5975		
ELISA Tecan	11/04/20	11/01/22
LC-TOF Agilent Jet Stream 6230	11/04/20	11/01/22
LC-QTOF Agilent Dual Jet Stream 6530/6545	11/04/20	11/01/22
GC/MS 5973/5975	11/04/20	11/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Samantha J. Choi  
**Agency:** NMS Labs  
**Permit Number:** 609

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230	09/27/22	09/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545 Agilent 5973/5975 GCMS		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	09/27/22	09/01/24
LC-TOF Agilent Jet Stream 6230	11/04/20	11/01/22
LC-QTOF Agilent Dual Jet Stream 6530/6545	11/04/20	11/01/22
GC/MS 5973/5975	11/04/20	11/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
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**Name:** Emily Marie Fenton  
**Agency:** NMS Labs  
**Permit Number:** 610

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/22/23	02/01/25
LC-TOF Agilent Jet Stream 6230	02/22/23	02/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	02/22/23	02/01/25
Agilent 5890, 6890, 7890 or 8890 GC	02/22/23	02/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	02/22/23	02/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	02/22/23	02/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/22/23	02/01/25
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	02/22/23	02/01/25
HP 6890/7890/ 8890 GC/FID	11/01/22	11/01/24
Sciex API 4500/6500 LC-MS/MS	11/01/22	11/01/24
HP 6890/7890/ 8890 GC/FID	11/04/20	11/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Elise Margaret Pyfrom  
**Agency:** NMS Labs  
**Permit Number:** 611

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 5890, 6890, 7890 or 8890 GC	02/22/23	02/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	02/22/23	02/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	02/22/23	02/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-TOF Agilent Jet Stream 6230	03/23/22	03/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
GC/MS 5973/5975		
LC-MS/MS TQD Tandem MS, LC-MS/MS		
Waters TQS	03/23/22	03/01/24
Agilent 6890A GC,	03/23/22	03/01/24
Agilent 5890 GC, Agilent 7890B GC,	03/23/22	03/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad		
Agilent 6890A GC, Agilent 5890 GC,	09/27/21	09/01/23
Agilent 7890B GC, Agilent 7890A GC w/		
5975 MSD, Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Ronae Taylor Foxworth

**Agency:** NMS Labs

**Permit Number:** 612

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24612
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	08/02/22	08/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	08/02/22	08/01/24
LC-MS/MS TQD Tandem MS, WATERS TQS LC-MS/MS	11/04/20	11/01/22
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS	11/04/20	11/01/22

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Ashley Nicole Paster  
**Agency:** NMS Labs  
**Permit Number:** 613

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Sciex API 4500/6500 LC-MS/MS	07/19/22	07/01/24
API 4500/5000/6500 LC-MS/MS	01/15/21	01/01/23



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Rubi Ventura  
**Agency:** NMS Labs  
**Permit Number:** 614

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	03/03/21	03/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Mark Alexander Shadle

**Agency:** NMS Labs

**Permit Number:** 615

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	10/25/23	10/01/25
Agilent Stream Select x 6945 LC-MS/MS	10/25/23	10/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
Agilent Stream Select x 6945 LC-MS/MS	02/22/23	02/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
Agilent 6890A GC, Agilent 5890 GC, Agilent 7890B GC, Agilent 7890A GC w/ 5975 MSD, Agilent 6890 GC w/ 5973 MSD, Agilent 7890B GC w/ 7000 GC/MS Triple Quad	08/04/21	08/01/23
Agilent 6890/5890/7890 GC	03/03/21	03/01/23
Agilent 7890A/6890/7890B GC/MS	03/03/21	03/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Daniel Patrick Daloisio  
**Agency:** NMS Labs  
**Permit Number:** 616

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
API 4500/5000/6500 LC-MS/MS	03/03/21	03/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Erin Courtney Tracy  
**Agency:** City-County Bureau of Identification  
**Permit Number:** 617

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	03/04/21	03/01/23
Agilent GC/MS (7890/5875)	03/04/21	03/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Talya J. Parker  
**Agency:** NMS Labs  
**Permit Number:** 618

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	02/02/24	02/01/26
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
GC-FID Agilent 7890, 6890 & 8890	10/25/23	10/01/25
LC-MS/MS TQD Tandem Mass Spectrometer	10/25/23	10/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	10/25/23	10/01/25
Sciex API 4500/6500 LC-MS/MS	07/19/22	07/01/24
API 4500/5000/6500 LC-MS/MS	04/07/21	04/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Ashley Ann Gilbert  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 619

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LEAP Technologies Combi-Pal Autosamplers	01/10/24	01/01/26
Agilent 7890 Gas Chromatographs	01/10/24	01/01/26
Agilent Mass Spectrometers (GC/MS)	01/10/24	01/01/26
ELISA Tecan Freedom EVO 75 and 150	01/10/24	01/01/26
Waters Acquity Xevo TQD Liquid Chromatograph	01/10/24	01/01/26
Tandem Mass Spectrometry		
SCIEX X500R LC-QTOF-MS	01/10/24	01/01/26
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/01/22	10/01/24
ELISA Tecan Freedom EVO 75 and 150	10/01/22	10/01/24
SCIEX X500R LC-QTOF-MS	10/01/22	10/01/24
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	03/14/22	03/01/24
ELISA Tecan Freedom EVO 75 and 150.	03/14/22	03/01/24
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	05/24/21	05/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Samantha Ashley Stiehl

**Agency:** NMS Labs

**Permit Number:** 620

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 5890, 6890, 7890 or 8890 GC	01/26/23	01/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	01/26/23	01/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS		
Waters TQS/ Waters TQXS	08/02/22	08/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS,	08/02/22	08/01/24
Agilent 5973 GC/MS		
LC-MS/MS TQD Tandem MS,	06/08/21	06/01/23
WATERS TQS LC-MS/MS		
GC/MS Agilent 7890A & 5975C	06/08/21	06/01/23
GC-GC-GC/MS, Agilent 5973 GCMS		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Niah Washington  
**Agency:** NMS Labs  
**Permit Number:** 621

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
Sciex API 4500/6500 LC-MS/MS	07/26/22	07/01/24
API 4500/5000/6500 LC-MS/MS	07/07/21	07/01/23



Department of Health and Human Services  
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Individual Permit History for Blood Analysis

**Name:** Mackenzie Rose (Wolstenholme) Hasher  
**Agency:** NMS Labs  
**Permit Number:** 622

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA-Tecan	11/01/22	11/01/24
ELISA Tecan	07/07/21	07/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kathryn A. Baxter  
**Agency:** NMS Labs  
**Permit Number:** 623

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
HP 6890/7890/ 8890 GC/FID	08/04/21	08/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Joseph Wilbert Homan  
**Agency:** NMS Labs  
**Permit Number:** 624

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A GC w/5975C Triple Axis MSD, Agilent 6890A GC w/5973 MSD, Agilent 6890N GC w/ 5975 MSSD, LC-QTOF Agilent Dual Jet Stream 6545, Waters Xevo TQ-XS LC-MSMS, Sciex 6500+ LC-MSMS, Agilent Jet Stream 6465 Ultivo LC-TQ LC-MSMS, Tecan Beckman AU480	08/04/21	08/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Paige Mary Elizabeth Roth  
**Agency:** NMS Labs  
**Permit Number:** 625

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS TQD Tandem Mass Spectrometer	01/26/23	01/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	08/02/22	08/01/24
TQD Tandem MS, Waters TQS LC-MS/MS, Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS	08/04/21	08/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** James Edward Medlin  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 626

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LEAP Technologies Combi-Pal Autosamplers	01/10/24	01/01/26
Agilent 7890 Gas Chromatographs	01/10/24	01/01/26
ELISA Tecan Freedom EVO 75 and 150	01/10/24	01/01/26
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	03/14/22	03/01/24
ELISA Tecan Freedom EVO 75 and 150.	03/14/22	03/01/24
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	09/08/21	09/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Emily Elizabeth Anderson  
**Agency:** NMS Labs  
**Permit Number:** 627

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS TQD Tandem Mass Spectrometer	02/22/23	02/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	08/23/22	08/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	08/23/22	08/01/24
LC-MS/MS TQD Tandem MS, WATERS TQS LC-MS/MS	09/14/21	09/01/23
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS	09/14/21	09/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
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**Name:** Stephanie Marie Carrato  
**Agency:** NMS Labs  
**Permit Number:** 628

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem MS, WATERS TQS LC-MS/MS	09/14/21	09/01/23
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS	09/14/21	09/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Zoe J. Heying  
**Agency:** NMS Labs  
**Permit Number:** 629

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent Stream Select x 6945 LC-MS/MS Agilent 5890, 6890, 7890 or 8890 GC Agilent 5973 GC/MSD, Agilent 5975 GC/MSD Agilent 5977 GC/MSD Agilent 7000 Triple Quad GC/MS	02/22/23	02/01/25
Agilent 6890A GC, Agilent 5890 GC, Agilent 7890B GC, Agilent 7890A GC w/ 5975 MSD, Agilent 6890 GC w/ 5973 MSD, Agilent 7890B GC w/ 7000 GC/MS Triple Quad	09/14/21	09/01/23



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
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**Name:** Raven Lee Johnson  
**Agency:** NMS Labs  
**Permit Number:** 630

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 5890, 6890, 7890 or 8890 GC	02/02/24	02/01/26
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	12/28/22	12/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS		
Waters TQS/ Waters TQXS	07/14/22	07/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS,	07/14/22	07/01/24
Agilent 5973 GC/MS		
Sciex API 4500/6500 LC-MS/MS	07/14/22	07/01/24
HP 6890/7890/ 8890 GC/FID	01/24/22	01/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS		
Waters TQS	01/24/22	01/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS,		
Agilent 5973 GC/MS	01/24/22	01/01/24
API 4500/5000/6500LC-MS/MS	01/24/22	01/01/24
LC-MS/MS TQD Tandem MS,	09/14/21	09/01/23
WATERS TQS LC-MS/MS		
GC/MS Agilent 7890A & 5975C	09/14/21	09/01/23
GC-GC-GC/MS, Agilent 5973 GCMS		

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**Name:** Joseph Meyer Leibowitz

**Agency:** NMS Labs

**Permit Number:** 631

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	01/19/23	01/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	07/19/22	07/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	07/19/22	07/01/24
LC-MS/MS TQD Tandem MS, WATERS TQS LC-MS/MS	09/14/21	09/01/23
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS	09/14/21	09/01/23

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**Name:** Rebecca Jane Lowery  
**Agency:** NMS Labs  
**Permit Number:** 632

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230	09/27/22	09/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
GC/MS 5973/5975		
LC-MS/MS TQD Tandem MS, LC-MS/MS		
Waters TQS/Waters TQXS	09/27/22	09/01/24
API 4500/6500 LC-MS/MS	09/27/22	09/01/24
LC-TOF Agilent Jet Stream 6230	09/14/21	09/01/23
LC-QTOF Agilent Dual Jet Stream 6530/6545	09/14/21	09/01/23
GC/MS 5973/5975	09/14/21	09/01/23

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**Name:** Megan Catherine Mann

**Agency:** NMS Labs

**Permit Number:** 633

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230	09/01/23	09/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
Agilent 5890, 6890, 7890 or 8890 GC	09/01/23	09/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
LC-TOF Agilent Jet Stream 6230	09/14/21	09/01/23
LC-QTOF Agilent Dual Jet Stream 6530/6545	09/14/21	09/01/23
GC/MS 5973/5975	09/14/21	09/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Alexis E. McCrossan  
**Agency:** NMS Labs  
**Permit Number:** 634

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 5890, 6890, 7890 or 8890 GC	02/22/23	02/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	02/22/23	02/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	02/22/23	02/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-TOF Agilent Jet Stream 6230	03/23/22	03/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
GC/MS 5973/5975		
LC-MS/MS TQD Tandem MS, LC-MS/MS		
Waters TQS	03/23/22	03/01/24
Agilent 6890A GC,	03/23/22	03/01/24
Agilent 5890 GC, Agilent 7890B GC,	03/23/22	03/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad		
Agilent 6890A GC, Agilent 5890 GC,	09/14/21	09/01/23
Agilent 7890B GC, Agilent 7890A GC w/		
5975 MSD, Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad		

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Forensic Tests for Alcohol Branch  
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**Name:** Madeline Kelley Wendler  
**Agency:** NMS Labs  
**Permit Number:** 635

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
ELISA Tecan	08/02/23	08/01/25
LC-MS/MS TQD Tandem Mass Spectrometer	08/02/23	08/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	08/02/23	08/01/25
Sciex API 4500/6500 LC-MS/MS	07/26/22	07/01/24
API 4500/5000/6500 LC-MS/MS	09/14/21	09/01/23

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Forensic Tests for Alcohol Branch  
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**Name:** Maria Gabriela Poveda  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 636

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LEAP Technologies Combi-Pal Autosamplers	07/26/23	07/01/25
Agilent 7890 Gas Chromatographs	07/26/23	07/01/25
ELISA Tecan Freedom EVO 75 and 150	07/26/23	07/01/25
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	09/20/21	09/01/23

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**Name:** Emily Anne Dreibelbis  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 637

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	09/23/21	09/01/23



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**Name:** Rachel Lynn Burns  
**Agency:** NMS Labs  
**Permit Number:** 638

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	10/25/22	10/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	10/25/22	10/01/24
LC-MS/MS TQD Tandem MS, WATERS TQS LC-MS/MS	10/08/21	10/01/23
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS	10/08/21	10/01/23

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**Name:** Daniel Razzo  
**Agency:** NMS Labs  
**Permit Number:** 639

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	08/02/22	08/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	08/02/22	08/01/24
LC-MS/MS TQD Tandem MS, WATERS TQS LC-MS/MS	10/08/21	10/01/23
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS	10/08/21	10/01/23

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**Name:** Lilly Ruth Woerner

**Agency:** NMS Labs

**Permit Number:** 640

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent Stream Select x 6945 LC-MS/MS Agilent 5890, 6890, 7890 or 8890 GC Agilent 5973 GC/MSD, Agilent 5975 GC/MSD Agilent 5977 GC/MSD Agilent 7000 Triple Quad GC/MS	02/22/23	02/01/25
Agilent 6890A GC, Agilent 5890 GC, Agilent 7890B GC, Agilent 7890A GC w/ 5975 MSD, Agilent 6890 GC w/ 5973 MSD, Agilent 7890B GC w/ 7000 GC/MS Triple Quad	10/08/21	10/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Bryan Patrick McCullough  
**Agency:** NMS Labs  
**Permit Number:** 641

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Sciex API 4500/6500 LC-MS/MS	08/02/22	08/01/24
API 4500/5000/6500 LC-MS/MS	10/08/21	10/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Danica Paige Martin  
**Agency:** NMS Labs  
**Permit Number:** 642

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent Stream Select x 6945 LC-MS/MS Agilent 5890, 6890, 7890 or 8890 GC Agilent 5973 GC/MSD, Agilent 5975 GC/MSD Agilent 5977 GC/MSD Agilent 7000 Triple Quad GC/MS	02/02/24	02/01/26
LC-MS/MS TQD Tandem Mass Spectrometer LC-MS/MS Waters TQS LC-MS/MS Waters TQXS LC-MS/MS Waters Cronos Micro TQS LC-MS/MS Waters Xevo Micro TQS	02/02/24	02/01/26
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
LC-MS/MS TQD Tandem Mass Spectrometer LC-MS/MS Waters TQS LC-MS/MS Waters TQXS LC-MS/MS Waters Cronos Micro TQS	06/30/23	06/01/25
LC-MS/MS Sciex API 4500 or 6500	06/30/23	06/01/25
Sciex API 4500/6500 LC-MS/MS	07/19/22	07/01/24
API 4500/5000/6500 LC-MS/MS	10/08/21	10/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Alyssa Julaine Muse  
**Agency:** NMS Labs  
**Permit Number:** 643

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Sciex API 4500/6500 LC-MS/MS	08/02/22	08/01/24
API 4500/5000/6500 LC-MS/MS	10/08/21	10/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Esteban G. Sanchez-Pastor

**Agency:** NMS Labs

**Permit Number:** 644

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC	02/02/24	02/01/26
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS TQD Tandem Mass Spectrometer	01/26/23	01/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	08/02/22	08/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	08/02/22	08/01/24
LC-MS/MS TQD Tandem MS, WATERS TQS LC-MS/MS	11/02/21	11/01/23
GC/MS Agilent 7890A & 5975C	11/02/21	11/01/23
GC-GC-GC/MS, Agilent 5973 GCMS		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Aaliyah Natori Bangura  
**Agency:** NMS Labs  
**Permit Number:** 645

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Sciex API 4500/6500 LC-MS/MS	07/26/22	07/01/24
API 4500/5000/6500 LC-MS/MS	11/02/21	11/01/23



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Gabrielle Marie McWilliams  
**Agency:** NMS Labs  
**Permit Number:** 646

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	10/25/23	10/01/25
LC-MS/MS Sciex API 4500 or 6500	10/25/23	10/01/25
Sciex API 4500/6500 LC-MS/MS	07/26/22	07/01/24
API 4500/5000/6500 LC-MS/MS	11/02/21	11/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Anna Kathleen Steiner

**Agency:** NMS Labs

**Permit Number:** 647

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230	10/06/23	10/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
LC-TOF Agilent Jet Stream 6230	11/02/21	11/01/23
LC-QTOF Agilent Dual Jet Stream 6530/6545		
GC/MS 5973/5975	11/02/21	11/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Michaela Faith Johnson

**Agency:** NMS Labs

**Permit Number:** 648

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 5890, 6890, 7890 or 8890 GC Agilent 5973, 5975 or 5977 GC/MSD	12/28/22	12/01/24
Agilent 6890A GC,	11/02/21	11/01/23
Agilent 5890 GC, Agilent 7890B GC, Agilent 7890A GC w/5975 MSD, Agilent 6890 GC w/ 5973 MSD, Agilent 7890B GC w/ 7000 GC/MS Triple Quad	11/02/21	11/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Bailey Edward Songer  
**Agency:** NMS Labs  
**Permit Number:** 649

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA-Tecan	09/27/22	09/01/24
LC-TOF Agilent Jet Stream 6230	09/27/22	09/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545 Agilent 5973/5975 GCMS		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	09/27/22	09/01/24
Sciex API 4500/6500 LC-MS/MS	09/27/22	09/01/24
LC-TOF Agilent Jet Stream 6230	11/02/21	11/01/23
LC-QTOF Agilent Dual Jet Stream 6530/6545 GC/MS 5973/5975	11/02/21	11/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Abigail Margaret Hulse  
**Agency:** NMS Labs  
**Permit Number:** 650

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230	10/24/23	10/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
Agilent 5890, 6890, 7890 or 8890 GC	10/24/23	10/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
LC-TOF Agilent Jet Stream 6230	11/02/21	11/01/23
LC-QTOF Agilent Dual Jet Stream 6530/6545	11/02/21	11/01/23
GC/MS 5973/5975		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Sarah Genevieve Preston  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 651

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LEAP Technologies Combi-Pal Autosamplers	07/26/23	07/01/25
Agilent 7890 Gas Chromatographs	07/26/23	07/01/25
ELISA Tecan Freedom EVO 75 and 150	07/26/23	07/01/25
Zymark Turbo Vap LV Pressure Manifold	07/26/23	07/01/25
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	11/10/21	11/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Rachel Rose Barrett

**Agency:** NMS Labs

**Permit Number:** 652

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
Sciex API 4500/6500 LC-MS/MS	07/26/22	07/01/24
API 4500/5000/6500 LC-MS/MS	11/29/21	11/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Frances Eved Calzada Del Valle

**Agency:** NMS Labs

**Permit Number:** 653

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, WATERS TQS LC-MS/MS	11/29/21	11/01/23
GC/MS Agilent 7890A & 5975C	11/29/21	11/01/23
GC-GC-GC/MS, Agilent 5973 GCMS		



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Princess Dara McCorvey  
**Agency:** NMS Labs  
**Permit Number:** 654

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	08/02/22	08/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	08/02/22	08/01/24
LC-MS/MS TQD Tandem MS, WATERS TQS LC-MS/MS	11/29/21	11/01/23
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS	11/29/21	11/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Ashlei Paige Austin

**Agency:** NMS Labs

**Permit Number:** 655

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent Stream Select x 6945 LC-MS/MS	02/22/23	02/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
Agilent 6890A GC,	12/22/21	12/01/23
Agilent 5890 GC, Agilent 7890B GC,	12/22/21	12/01/23
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** William Joseph Fox  
**Agency:** NMS Labs  
**Permit Number:** 656

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	01/18/23	01/01/25
HP 6890/7890/ 8890 GC/FID	12/22/21	12/01/23

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Daniel Thomas Anderson

**Agency:** NMS Labs

**Permit Number:**657

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	001/19/23	01/01/25
TOF: LC-TOF Agilent Jet Stream 6230	001/19/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	001/19/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC	001/19/23	01/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	001/19/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC, Agilent 5973		
Agilent 5975 GC/MSD, Agilent 5977 GC/MSD	001/19/23	01/01/25
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	001/19/23	01/01/25
LC-MS/MS Waters TQS; LC-MS/MS Waters		
TQXS; LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	001/19/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	001/19/23	01/01/25
ELISA-Tecan	07/26/22	07/01/24
LC-TOF Agilent Jet Stream 6230	07/26/22	07/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
HP 6890/7890/ 8890 GC/FID	07/26/22	07/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS	07/26/22	07/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	07/26/22	07/01/24
Agilent 5973 GC/MS, Agilent 6890A GC,	07/26/22	07/01/24
Agilent 5890 GC, Agilent 7890B GC,	07/26/22	07/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	07/26/22	07/01/24
Sciex API 4500/6500 LC-MS/MS	07/26/22	07/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD,		
Agilent 6890A GC w/ 5973 MSD, Agilent 6890N		
GC w/ 5975 MSSD, Agilent Dual Jet Stream		
6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+,	07/26/22	07/01/24
Agilent Jet Stream 6465 Ultivo LC-TQ,		
Beckman AU480	07/26/22	07/01/24

<p>This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 01/18/22.</p>
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Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Anna Marie Therese Andoos  
**Agency:** NMS Labs  
**Permit Number:** 658

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Sciex API 4500/6500 LC-MS/MS	07/19/22	07/01/24
API 4500/5000/6500 LC-MS/MS	01/18/22	01/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jolene Jean Bierly  
**Agency:** NMS Labs  
**Permit Number:** 659

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	01/18/23	01/01/25
LC-TOF Agilent Jet Stream 6230	01/18/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	01/18/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC	01/18/23	01/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	01/18/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	01/18/23	01/01/25
LC-MS/MS Waters TQS; LC-MS/MS Waters		
TQXS; LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	01/18/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	01/18/23	01/01/25
ELISA-Tecan	07/26/22	07/01/24
LC-TOF Agilent Jet Stream 6230	07/26/22	07/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
HP 6890/7890/ 8890 GC/FID	07/26/22	07/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS	07/26/22	07/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	07/26/22	07/01/24
Agilent 5973 GC/MS, Agilent 6890A GC,	07/26/22	07/01/24
Agilent 5890 GC, Agilent 7890B GC,	07/26/22	07/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	07/26/22	07/01/24
Sciex API 4500/6500 LC-MS/MS	07/26/22	07/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD,		
Agilent 6890A GC w/ 5973 MSD, Agilent 6890N		
GC w/ 5975 MSSD, Agilent Dual Jet Stream		
6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+,	07/26/22	07/01/24
Agilent Jet Stream 6465 Ultivo LC-TQ,		
Beckman AU480	07/26/22	07/01/24

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 01/18/22.

Department of Health and Human Services

Forensic Tests for Alcohol Branch

Individual Permit History for Blood Analysis

**Name:** Ayako Chan-Hosokawa

**Agency:** NMS Labs

**Permit Number:** 660

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	12/28/22	12/01/24
LC-TOF Agilent Jet Stream 6230	12/28/22	12/01/24
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	12/28/22	12/01/24
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	12/28/22	12/01/24
ELISA-Tecan	07/26/22	07/01/24
LC-TOF Agilent Jet Stream 6230	07/26/22	07/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
HP 6890/7890/ 8890 GC/FID	07/26/22	07/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS	07/26/22	07/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	07/26/22	07/01/24
Agilent 5973 GC/MS, Agilent 6890A GC,	07/26/22	07/01/24
Agilent 5890 GC, Agilent 7890B GC,	07/26/22	07/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	07/26/22	07/01/24
Sciex API 4500/6500 LC-MS/MS	07/26/22	07/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD,		
Agilent 6890A GC w/ 5973 MSD, Agilent 6890N		
GC w/ 5975 MSSD, Agilent Dual Jet Stream		
6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+,	07/26/22	07/01/24
Agilent Jet Stream 6465 Ultivo LC-TQ,		
Beckman AU480	07/26/22	07/01/24

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 01/18/22.

Department of Health and Human Services

Forensic Tests for Alcohol Branch

Individual Permit History for Blood Analysis

**Name:** Laura Marie Labay

**Agency:** NMS Labs

**Permit Number:** 661

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	01/19/23	01/01/25
LC-TOF Agilent Jet Stream 6230	01/19/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	01/19/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC	01/19/23	01/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	01/19/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	01/19/23	01/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	01/19/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	01/19/23	01/01/25
ELISA-Tecan	07/26/22	07/01/24
LC-TOF Agilent Jet Stream 6230	07/26/22	07/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
HP 6890/7890/ 8890 GC/FID	07/26/22	07/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS	07/26/22	07/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	07/26/22	07/01/24
Agilent 5973 GC/MS, Agilent 6890A GC,	07/26/22	07/01/24
Agilent 5890 GC, Agilent 7890B GC,	07/26/22	07/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	07/26/22	07/01/24
Sciex API 4500/6500 LC-MS/MS	07/26/22	07/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD,		
Agilent 6890A GC w/ 5973 MSD, Agilent 6890N		
GC w/ 5975 MSSD, Agilent Dual Jet Stream		
6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+,	07/26/22	07/01/24
Agilent Jet Stream 6465 Ultivo LC-TQ,		
Beckman AU480	07/26/22	07/01/24



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kari M. Midthun  
**Agency:** NMS Labs  
**Permit Number:** 662

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	01/19/23	01/01/25
LC-TOF Agilent Jet Stream 6230	01/19/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	01/19/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC	01/19/23	01/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	01/19/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	01/19/23	01/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	01/19/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	01/19/23	01/01/25
ELISA-Tecan	07/26/22	07/01/24
LC-TOF Agilent Jet Stream 6230	07/26/22	07/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
HP 6890/7890/ 8890 GC/FID	07/26/22	07/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS	07/26/22	07/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	07/26/22	07/01/24
Agilent 5973 GC/MS, Agilent 6890A GC,	07/26/22	07/01/24
Agilent 5890 GC, Agilent 7890B GC,	07/26/22	07/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	07/26/22	07/01/24
Sciex API 4500/6500 LC-MS/MS	07/26/22	07/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD,		
Agilent 6890A GC w/ 5973 MSD, Agilent 6890N		
GC w/ 5975 MSSD, Agilent Dual Jet Stream		
6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+,	07/26/22	07/01/24
Agilent Jet Stream 6465 Ultivo LC-TQ,		
Beckman AU480	07/26/22	07/01/24

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 01/18/22.

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Michael Edward Lamb

**Agency:** NMS Labs

**Permit Number:** 663

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	01/19/23	01/01/25
LC-TOF Agilent Jet Stream 6230	01/19/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	01/19/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC	01/19/23	01/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	01/19/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	01/19/23	01/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	01/19/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	01/19/23	01/01/25
ELISA-Tecan	07/26/22	07/01/24
LC-TOF Agilent Jet Stream 6230	07/26/22	07/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
HP 6890/7890/ 8890 GC/FID	07/26/22	07/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS	07/26/22	07/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	07/26/22	07/01/24
Agilent 5973 GC/MS, Agilent 6890A GC,	07/26/22	07/01/24
Agilent 5890 GC, Agilent 7890B GC,	07/26/22	07/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	07/26/22	07/01/24
Sciex API 4500/6500 LC-MS/MS	07/26/22	07/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD,		
Agilent 6890A GC w/ 5973 MSD, Agilent 6890N		
GC w/ 5975 MSSD, Agilent Dual Jet Stream		
6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+,	07/26/22	07/01/24
Agilent Jet Stream 6465 Ultivo LC-TQ,		
Beckman AU480	07/26/22	07/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Erin Agda Spargo  
**Agency:** NMS Labs  
**Permit Number:** 664

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	12/28/22	12/01/24
LC-TOF Agilent Jet Stream 6230	12/28/22	12/01/24
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	12/28/22	12/01/24
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	12/28/22	12/01/24
ELISA-Tecan	08/02/22	08/01/24
LC-TOF Agilent Jet Stream 6230	08/02/22	08/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
HP 6890/7890/ 8890 GC/FID	08/02/22	08/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS	08/02/22	08/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	08/02/22	08/01/24
Agilent 5973 GC/MS, Agilent 6890A GC,	08/02/22	08/01/24
Agilent 5890 GC, Agilent 7890B GC,	08/02/22	08/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	08/02/22	08/01/24
Sciex API 4500/6500 LC-MS/MS	08/02/22	08/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD,		
Agilent 6890A GC w/ 5973 MSD, Agilent 6890N		
GC w/ 5975 MSSD, Agilent Dual Jet Stream		
6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+,	08/02/22	08/01/24
Agilent Jet Stream 6465 Ultivo LC-TQ,		
Beckman AU480	08/02/22	08/01/24

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 01/18/22.

Department of Health and Human Services

Forensic Tests for Alcohol Branch

Individual Permit History for Blood Analysis

**Name:** Andrea Carolina Noble

**Agency:** NMS Labs

**Permit Number:** 665

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	01/26/23	01/01/25
LC-TOF Agilent Jet Stream 6230	01/26/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	01/26/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC	01/26/23	01/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	01/26/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	01/26/23	01/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	01/26/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	01/26/23	01/01/25
ELISA-Tecan	08/02/22	08/01/24
LC-TOF Agilent Jet Stream 6230	08/02/22	08/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
HP 6890/7890/ 8890 GC/FID	08/02/22	08/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS	08/02/22	08/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	08/02/22	08/01/24
Agilent 5973 GC/MS, Agilent 6890A GC,	08/02/22	08/01/24
Agilent 5890 GC, Agilent 7890B GC,	08/02/22	08/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	08/02/22	08/01/24
Sciex API 4500/6500 LC-MS/MS	08/02/22	08/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD,		
Agilent 6890A GC w/ 5973 MSD, Agilent 6890N		
GC w/ 5975 MSSD, Agilent Dual Jet Stream		
6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+,	08/02/22	08/01/24
Agilent Jet Stream 6465 Ultivo LC-TQ,		
Beckman AU480	08/02/22	08/01/24

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 01/18/22.

Department of Health and Human Services

Forensic Tests for Alcohol Branch

Individual Permit History for Blood Analysis

**Name:** Brianna Lynn Peterson

**Agency:** NMS Labs

**Permit Number:** 667

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	12/28/22	12/01/24
LC-TOF Agilent Jet Stream 6230	12/28/22	12/01/24
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	12/28/22	12/01/24
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	12/28/22	12/01/24
ELISA-Tecan	07/26/22	07/01/24
LC-TOF Agilent Jet Stream 6230	07/26/22	07/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
HP 6890/7890/ 8890 GC/FID	07/26/22	07/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS	07/26/22	07/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	07/26/22	07/01/24
Agilent 5973 GC/MS, Agilent 6890A GC,	07/26/22	07/01/24
Agilent 5890 GC, Agilent 7890B GC,	07/26/22	07/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	07/26/22	07/01/24
Sciex API 4500/6500 LC-MS/MS	07/26/22	07/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD,		
Agilent 6890A GC w/ 5973 MSD, Agilent 6890N		
GC w/ 5975 MSSD, Agilent Dual Jet Stream		
6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+,	07/26/22	07/01/24
Agilent Jet Stream 6465 Ultivo LC-TQ,		
Beckman AU480	07/26/22	07/01/24

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 01/28/22.

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Tayler L. Chowns  
**Agency:** NMS Labs  
**Permit Number:** 668

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
Sciex API 4500/6500 LC-MS/MS	07/19/22	07/01/24
API 4500/5000/6500 LC-MS/MS	01/28/22	01/01/24

Department of Health and Human Services

Forensic Tests for Alcohol Branch

Individual Permit History for Blood Analysis

**Name:** Daniel Stephan Isenschmid

**Agency:** NMS Labs

**Permit Number:** 669

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	01/19/23	01/01/25
LC-TOF Agilent Jet Stream 6230	01/19/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	01/19/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC	01/19/23	01/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	01/19/23	01/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	01/19/23	01/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	01/19/23	01/01/25
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	01/19/23	01/01/25
ELISA-Tecan	07/26/22	07/01/24
LC-TOF Agilent Jet Stream 6230	07/26/22	07/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
HP 6890/7890/ 8890 GC/FID	07/26/22	07/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS	07/26/22	07/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	07/26/22	07/01/24
Agilent 5973 GC/MS, Agilent 6890A GC,	07/26/22	07/01/24
Agilent 5890 GC, Agilent 7890B GC,	07/26/22	07/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	07/26/22	07/01/24
Sciex API 4500/6500 LC-MS/MS	07/26/22	07/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD,		
Agilent 6890A GC w/ 5973 MSD, Agilent 6890N		
GC w/ 5975 MSSD, Agilent Dual Jet Stream		
6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+,	07/26/22	07/01/24
Agilent Jet Stream 6465 Ultivo LC-TQ,		
Beckman AU480	07/26/22	07/01/24

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 01/28/22.

Department of Health and Human Services

Forensic Tests for Alcohol Branch

Individual Permit History for Blood Analysis

**Name:** Stephanie M. Marco

**Agency:** NMS Labs

**Permit Number:** 670

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/22/23	02/01/25
LC-TOF Agilent Jet Stream 6230	02/22/23	02/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	02/22/23	02/01/25
Agilent 5890, 6890, 7890 or 8890 GC	02/22/23	02/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	02/22/23	02/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	02/22/23	02/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/22/23	02/01/25
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	02/22/23	02/01/25
ELISA-Tecan	08/23/22	08/01/24
LC-TOF Agilent Jet Stream 6230	08/23/22	08/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
HP 6890/7890/ 8890 GC/FID	08/23/22	08/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS	08/23/22	08/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	08/23/22	08/01/24
Agilent 5973 GC/MS, Agilent 6890A GC,	08/23/22	08/01/24
Agilent 5890 GC, Agilent 7890B GC,	08/23/22	08/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	08/23/22	08/01/24
Sciex API 4500/6500 LC-MS/MS	08/23/22	08/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD,		
Agilent 6890A GC w/ 5973 MSD, Agilent 6890N		
GC w/ 5975 MSSD, Agilent Dual Jet Stream		
6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+,	08/23/22	08/01/24
Agilent Jet Stream 6465 Ultivo LC-TQ,		
Beckman AU480	08/23/22	08/01/24

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 01/28/22.



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Sherri L. Kacinko  
**Agency:** NMS Labs  
**Permit Number:** 671

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/22/23	02/01/25
LC-TOF Agilent Jet Stream 6230	02/22/23	02/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	02/22/23	02/01/25
Agilent 5890, 6890, 7890 or 8890 GC	02/22/23	02/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	02/22/23	02/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	02/22/23	02/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/22/23	02/01/25
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	02/22/23	02/01/25
ELISA-Tecan	08/02/22	08/01/24
LC-TOF Agilent Jet Stream 6230	08/02/22	08/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
HP 6890/7890/ 8890 GC/FID	08/02/22	08/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS	08/02/22	08/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	08/02/22	08/01/24
Agilent 5973 GC/MS, Agilent 6890A GC,	08/02/22	08/01/24
Agilent 5890 GC, Agilent 7890B GC,	08/02/22	08/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	08/02/22	08/01/24
Sciex API 4500/6500 LC-MS/MS	08/02/22	08/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD,		
Agilent 6890A GC w/ 5973 MSD, Agilent 6890N		
GC w/ 5975 MSSD, Agilent Dual Jet Stream		
6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+,	08/02/22	08/01/24
Agilent Jet Stream 6465 Ultivo LC-TQ,		
Beckman AU480	08/02/22	08/01/24

<p>This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 01/28/22.</p>
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Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Revelle Layne Paul-Roper

**Agency:** NMS Labs

**Permit Number:** 672

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	10/25/23	10/01/25
Agilent Stream Select x 6945 LC-MS/MS	10/25/23	10/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
Agilent Stream Select x 6945 LC-MS/MS	02/22/23	02/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
Agilent 6890A GC,	01/28/22	01/01/24
Agilent 5890 GC, Agilent 7890B GC,	01/28/22	01/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	01/28/22	01/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Donna Michele Papsun

**Agency:** NMS Labs

**Permit Number:** 673

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/22/23	02/01/25
LC-TOF Agilent Jet Stream 6230	02/22/23	02/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	02/22/23	02/01/25
Agilent 5890, 6890, 7890 or 8890 GC	02/22/23	02/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	02/22/23	02/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	02/22/23	02/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/22/23	02/01/25
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	02/22/23	02/01/25
ELISA-Tecan	08/02/22	08/01/24
LC-TOF Agilent Jet Stream 6230	08/02/22	08/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		
HP 6890/7890/ 8890 GC/FID	08/02/22	08/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS	08/02/22	08/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	08/02/22	08/01/24
Agilent 5973 GC/MS, Agilent 6890A GC,	08/02/22	08/01/24
Agilent 5890 GC, Agilent 7890B GC,	08/02/22	08/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	08/02/22	08/01/24
Sciex API 4500/6500 LC-MS/MS	08/02/22	08/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD,		
Agilent 6890A GC w/ 5973 MSD, Agilent 6890N		
GC w/ 5975 MSSD, Agilent Dual Jet Stream		
6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+,	08/02/22	08/01/24
Agilent Jet Stream 6465 Ultivo LC-TQ,		
Beckman AU480	08/02/22	08/01/24

<p>This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 01/28/22.</p>
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Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Yuliya (Frolova) Miller  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 674

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LEAP Technologies Combi-Pal Autosamplers	01/10/24	01/01/26
Agilent 7890 Gas Chromatographs	01/10/24	01/01/26
ELISA Tecan Freedom EVO 75 and 150	01/10/24	01/01/26
Agilent 7890/8890 Gas Chromatograph w/ Headspace Autosampler	02/15/22	02/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Marielle M. Barstow

**Agency:** NMS Labs

**Permit Number:** 675

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
Sciex API 4500/ 6500 LC-MS/MS	07/14/22	07/01/24
API 4500/5000/6500 LC-MS/MS	02/22/22	02/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Rebekah G. Johnson

**Agency:** NMS Labs

**Permit Number:** 676

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent Stream Select x 6945 LC-MS/MS	02/22/23	02/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
Agilent 6890A GC, Agilent 5890 GC, Agilent 7890B GC,	02/21/22	02/01/24
Agilent 7890A GC w/5975 MSD, Agilent 6890 GC w/ 5973 MSD, Agilent 7890B GC w/ 7000 GC/MS Triple Quad	02/21/22	02/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Shayna Kasher

**Agency:** NMS Labs

**Permit Number:** 677

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
Sciex API 4500/6500 LC-MS/MS	07/19/22	07/01/24
API 4500/5000/6500 LC-MS/MS	02/22/22	02/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Caitlin M. Campbell

**Agency:** NMS Labs

**Permit Number:** 678

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	08/02/22	08/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	08/02/22	08/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS	03/23/22	03/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	03/23/22	03/01/24



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Francesca Marie Spano Rato  
**Agency:** NMS Labs  
**Permit Number:** 679

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
HP 6890/7890/ 8890 GC/FID	03/23/22	03/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Linda Marie Steidler

**Agency:** NMS Labs

**Permit Number:** 680

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 5890, 6890, 7890 or 8890 GC	02/02/24	02/01/26
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	12/28/22	12/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS		
Waters TQS	03/23/22	03/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jalyssa Lynn Roldan

**Agency:** NMS Labs

**Permit Number:** 681

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	01/26/23	01/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	08/02/22	08/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	08/02/22	08/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS	04/12/22	04/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	04/12/22	04/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jamie Lee Haggard  
**Agency:** NMS Labs  
**Permit Number:** 682

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
HP 6890/7890/ 8890 GC/FID	04/12/22	04/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Therese Amelia Friedel

**Agency:** NMS Labs

**Permit Number:** 683

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent Stream Select x 6945 LC-MS/MS Agilent 5890, 6890, 7890 or 8890 GC Agilent 5973 GC/MSD, Agilent 5975 GC/MSD Agilent 5977 GC/MSD Agilent 7000 Triple Quad GC/MS	02/22/23	02/01/25
Agilent 6890A GC, Agilent 5890 GC, Agilent 7890B GC,	04/12/22	04/01/24
Agilent 7890A GC w/5975 MSD, Agilent 6890 GC w/ 5973 MSD, Agilent 7890B GC w/ 7000 GC/MS Triple Quad	04/12/22	04/01/24

Department of Health and Human Services

Forensic Tests for Alcohol Branch

Individual Permit History for Blood Analysis

**Name:** William Hugh Anderson

**Agency:** NMS Labs

**Permit Number:** 684

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA-Tecan	08/23/22	08/01/24
LC-TOF Agilent Jet Stream 6230	08/23/22	08/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545 Agilent 5973/5975 GCMS		
HP 6890/7890/ 8890 GC/FID	08/23/22	08/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	08/23/22	08/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS,	08/23/22	08/01/24
Agilent 5973 GC/MS, Agilent 6890A GC,	08/23/22	08/01/24
Agilent 5890 GC, Agilent 7890B GC,	08/23/22	08/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	08/23/22	08/01/24
Sciex API 4500/6500 LC-MS/MS	08/23/22	08/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD,		
Agilent 6890A GC w/ 5973 MSD, Agilent 6890N GC w/ 5975 MSSD, Agilent Dual Jet Stream 6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+,	08/23/22	08/01/24
Agilent Jet Stream 6465 Ultivo LC-TQ, Beckman AU480	08/23/22	08/01/24
ELISA Tecan	04/12/22	04/01/24
LC-TOF Agilent Jet Stream 6230	04/12/22	04/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545 GC/MS 5973/5975		
HP 6890/7890/ 8890 GC/FID	04/12/22	04/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS	04/12/22	04/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS,		
Agilent 5973 GC/MS, Agilent 6890A GC,	04/12/22	04/01/24
Agilent 5890 GC, Agilent 7890B GC,	04/12/22	04/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad		
API 4500/5000/6500 LC-MS/MS	04/12/22	04/01/24
Agilent 7890A GC w/ 5975C Triple Axis MSD,	04/12/22	04/01/24
Agilent 6890A GC w/ 5973 MSD, Agilent 6890N GC w/ 5975 MSSD, Agilent Dual Jet Stream 6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+,		
Agilent Jet Stream 6465 Ultivo LC-TQ, Beckman AU480	04/12/22	04/01/24

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 04/12/22.

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Melanie A. Belinsky

**Agency:** NMS Labs

**Permit Number:** 685

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/02/24	02/01/26
GC-FID Agilent 7890, 6890 & 8890	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC	02/02/24	02/01/26
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
GC-FID Agilent 7890, 6890 & 8890	06/30/23	06/01/25
Agilent 5890, 6890, 7890 or 8890 GC	06/30/23	06/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS TQD Tandem Mass Spectrometer	06/30/23	06/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	06/30/23	06/01/25
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
LC-MS/MS Sciex API 4500 or 6500	12/28/22	12/01/24
Agilent 5890/6890/7890/8890 GC,	12/13/22	12/01/24
Agilent 5973/5975/5977 GC/MSD	12/13/22	12/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS	12/13/22	12/01/24
Waters TQS/ Waters TQXS,		
Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500/6500	12/13/22	12/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Gary Thomas Gramling

**Agency:** NMS Labs

**Permit Number:** 686

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
HP 6890/7890/ 8890 GC/FID	05/12/22	05/01/24



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Angelica D. Szewczak

**Agency:** NMS Labs

**Permit Number:** 687

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	12/28/22	12/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS		
Waters TQS/ Waters TQXS	10/25/22	10/01/24
Sciex API 4500/6500 LC-MS/MS	10/25/22	10/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS		
Waters TQS/ Waters TQXS	08/02/22	08/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	08/02/22	08/01/24
LC-MS/MS TQD Tandem MS, LC-MS/MS		
Waters TQS	05/12/22	05/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	05/12/22	05/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Victor You

**Agency:** NMS Labs

**Permit Number:** 688

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	02/22/23	02/01/25
HP 6890/7890/ 8890 GC/FID	05/12/22	05/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Alexis Priscilla Testa  
**Agency:** NMS Labs  
**Permit Number:** 689

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	08/02/23	08/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	08/02/23	08/01/25
Sciex API 4500/6500 LC-MS/MS	08/02/22	08/01/24
API 4500/5000/6500 LC-MS/MS	06/21/22	06/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kathryn Margaret Rawski  
**Agency:** NMS Labs  
**Permit Number:** 690

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/1/24
HP 6890/7890/ 8890 GC/FID	06/21/22	06/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Faith M. Kaniewski  
**Agency:** NMS Labs  
**Permit Number:** 691

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	06/21/22	06/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kourtney Taylor Albert  
**Agency:** NMS Labs  
**Permit Number:** 692

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Sciex API 4500 or 6500	10/25/23	10/01/25
Agilent 6890A GC,	07/14/22	07/01/24
Agilent 5890 GC, Agilent 7890B GC,	07/14/22	07/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	07/14/22	07/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kyra Frances Fay  
**Agency:** NMS Labs  
**Permit Number:** 693

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 5890, 6890, 7890 or 8890 GC Agilent 5973, 5975 or 5977 GC/MSD	12/28/22	12/01/24
Agilent 6890A GC,	07/14/22	07/01/24
Agilent 5890 GC, Agilent 7890B GC,	07/14/22	07/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	07/14/22	07/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Melinda Susan Filman

**Agency:** NMS Labs

**Permit Number:** 694

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A GC w/ 5975C Triple Axis MSD, Agilent 6890A GC w/ 5973 MSD, Agilent 6890N GC w/ 5975 MSSD, Agilent Dual Jet Stream 6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+, Agilent Jet Stream 6465 Ultivo LC-TQ, Beckman AU480	07/14/22	07/01/24



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lynve M. Lauerard  
**Agency:** NMS Labs  
**Permit Number:** 695

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS, LC-MS/MS Waters TQXS	07/14/22	07/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS,	07/14/22	07/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Leila M. Okazaki  
**Agency:** NMS Labs  
**Permit Number:** 696

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS TQD Tandem Mass Spectrometer	01/26/23	01/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS, LC-MS/MS Waters TQXS	07/14/22	07/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS,	07/14/22	07/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Zachary R. Digman  
**Agency:** NMS Labs  
**Permit Number:** 697

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	02/22/23	02/01/25
HP 6890/7890/ 8890 GC/FID	07/19/22	07/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Francesca Louise Spencer

**Agency:** NMS Labs

**Permit Number:** 698

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS TQD Tandem Mass Spectrometer	02/22/23	02/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS	07/19/22	07/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	07/19/22	07/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** She-Are' L. Mathis  
**Agency:** NMS Labs  
**Permit Number:** 699

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230	08/02/22	08/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545		
Agilent 5973/5975 GCMS		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Hannah Elizabeth Mohacey

**Agency:** NMS Labs

**Permit Number:** 700

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	01/19/23	01/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS	08/02/22	08/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	08/02/22	08/01/24
Agilent 5973 GC/MS	08/02/22	08/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Shannon Eileen Rose  
**Agency:** NMS Labs  
**Permit Number:** 701

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Sciex API 4500/6500 LC-MS/MS	08/02/22	08/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Erin Maureen McIntee Hensel  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 702

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	08/09/22	08/01/24
Agilent Technologies GC/MS	08/09/22	08/01/24



Department of Health and Human Services

Forensic Tests for Alcohol Branch

Individual Permit History for Blood Analysis

**Name:** Justin Orion Brower

**Agency:** NMS Labs

**Permit Number:** 703

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/02/24	02/01/26
LC-TOF Agilent Jet Stream 6230	02/02/24	02/01/26
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC	02/02/24	02/01/26
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	02/02/24	02/01/26
ELISA Tecan	12/28/22	12/01/24
LC-TOF Agilent Jet Stream 6230	12/28/22	12/01/24
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC	12/28/22	12/01/24
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	12/28/22	12/01/24
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	12/28/22	12/01/24
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	12/28/22	12/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Alexis Aiyanna Eley  
**Agency:** NMS Labs  
**Permit Number:** 704

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 6890A GC,	08/23/22	08/01/24
Agilent 5890 GC, Agilent 7890B GC,	08/23/22	08/01/24
Agilent 7890A GC w/5975 MSD,		
Agilent 6890 GC w/ 5973 MSD,		
Agilent 7890B GC w/ 7000 GC/MS Triple Quad	08/23/22	08/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Brittany Michelle Farber  
**Agency:** NMS Labs  
**Permit Number:** 705

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/1/24
HP 6890/7890/ 8890 GC/FID	08/23/22	08/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Elizabeth T. Hutnick  
**Agency:** NMS Labs  
**Permit Number:** 706

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/22/23	02/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS TQD Tandem MS, LC-MS/MS	08/23/22	08/01/24
Waters TQS/ Waters TQXS		
Agilent 7890A/ 5975C GC-GC-GC/MS,	08/23/22	08/01/24
Agilent 5973 GC/MS	08/23/22	08/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kiara L. Jackson  
**Agency:** NMS Labs  
**Permit Number:** 707

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230	08/23/22	08/01/24
LC-QTOF Agilent Dual Jet Stream 6530/6545 Agilent 5973/5975 GCMS		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Taylor Renee Maroney  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 708

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/01/22	10/01/24
ELISA Tecan Freedom EVO 75 and 150	10/01/22	10/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Vishwaben Ravleker Naik  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 709

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/01/22	10/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Devin Lynn Ball  
**Agency:** NMS Labs  
**Permit Number:** 710

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS TQD Tandem Mass Spectrometer	01/26/23	01/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
Waters TQS/ Waters TQXS	09/09/22	09/01/24
Agilent 7890A/ 5975C GC-GC-GC/MS, Agilent 5973 GC/MS	09/09/22	09/01/24



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Joseph Nicholas Corvo  
**Agency:** NMS Labs  
**Permit Number:** 711

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Sciex API 4500/6500 LC-MS/MS	09/09/22	09/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Abigail Cervantes  
**Agency:** NMS Labs  
**Permit Number:** 712

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A GC w/ 5975C Triple Axis MSD, Agilent 6890A GC w/ 5973 MSD, Agilent 6890N GC w/ 5975 MSSD, Agilent Dual Jet Stream 6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+, Agilent Jet Stream 6465 Ultivo LC-TQ, Beckman AU480	09/27/22	09/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Paige N. D'Elia  
**Agency:** NMS Labs  
**Permit Number:** 713

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
HP 6890/7890/ 8890 GC/FID	09/27/22	09/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Davy-Anna Phosouvank-Chamroeunphorn

**Agency:** NMS Labs

**Permit Number:** 714

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	12/28/22	12/01/24
HP 6890/7890/ 8890 GC/FID	09/27/22	09/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Anna Vysochan  
**Agency:** NMS Labs  
**Permit Number:** 715

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A GC w/ 5975C Triple Axis MSD, Agilent 6890A GC w/ 5973 MSD, Agilent 6890N GC w/ 5975 MSSD, Agilent Dual Jet Stream 6465 QTOF, Waters Xevo TQ-XS, Sciex 6500+, Agilent Jet Stream 6465 Ultivo LC-TQ, Beckman AU480	09/27/22	09/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Vivian Alexis Baker  
**Agency:** NMS Labs  
**Permit Number:** 716

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Sciex API 4500/6500 LC-MS/MS	10/25/22	10/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jared Taylor Rapoport

**Agency:** NMS Labs

**Permit Number:** 717

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 6890A/ 5890/ 7890B GC, Agilent 7890A GC x 5975 MSD, Agilent 6890 GC x 5973 MSD, Agilent 7890B GC x 7000 GC/MS Triple Quad	10/25/22	10/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Caitlyn M. Sauer  
**Agency:** NMS Labs  
**Permit Number:** 718

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer LC-MS/MS Waters TQS LC-MS/MS Waters TQXS LC-MS/MS Waters Cronos Micro TQS	01/26/23	01/01/25
LC-MS/MS TQD Tandem MS, LC-MS/MS Waters TQS/ Waters TQXS	10/25/22	10/01/24



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Nicole Marie Stricek  
**Agency:** NMS Labs  
**Permit Number:** 719

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Sciex API 4500/6500 LC-MS/MS	11/21/22	11/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Alexandria Alana Reinhart  
**Agency:** NMS Labs  
**Permit Number:** 720

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 5890, 6890, 7890 or 8890 GC Agilent 5973, 5975 or 5977 GC/MSD	01/19/23	01/01/25
Agilent Stream Select x 6945 LC-MS/MS Agilent 5890, 6890, 7890 or 8890 GC Agilent 5973 GC/MSD, Agilent 5975 GC/MSD Agilent 5977 GC/MSD	01/19/23	01/01/25
Agilent 7000 Triple Quad GC/MS LC-MS/MS TQD Tandem Mass Spectrometer	01/19/23	01/01/25
LC-MS/MS Waters TQS LC-MS/MS Waters TQXS LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	01/19/23	01/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Brianna Ai Khue Dinh

**Agency:** NMS Labs

**Permit Number:** 721

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Sciex API 4500 or 6500	01/19/23	01/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Olivia L. Dremann  
**Agency:** NMS Labs  
**Permit Number:** 722

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS TQD Tandem Mass Spectrometer	03/10/23	03/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Patricia Fernandez  
**Agency:** NMS Labs  
**Permit Number:** 723

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	01/19/23	01/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Arinze Anthony Akpom

**Agency:** NMS Labs

**Permit Number:** 724

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Sciex API 4500 or 6500	12/28/22	12/01/24

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kelsi Ann Alberts

**Agency:** NCSCCL

**Permit Number:** 725

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan Freedom EVO 75 and 150	02/08/23	02/01/25
LEAP Technologies Combi-Pal Autosamplers	02/08/23	02/01/25
Agilent 7890 Gas Chromatographs		
Agilent Mass Spectrometers		
Hewlett-Packard GC/MS (6890/5973)	02/08/23	02/01/25
SPE manifolds	02/08/23	02/01/25
Waters Acquity Xevo TQD Liquid Chromatograph	02/08/23	02/01/25
Tandem Mass Spectrometry		
SciEx X500R LC-MSQTOF	02/08/23	02/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Stephanie Margaret Stripp

**Agency:** NMS

**Permit Number:** 726

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	12/28/22	12/01/24
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		



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Individual Permit History for Blood Analysis

**Name:** Brittany K. Casey  
**Agency:** NMS  
**Permit Number:** 727

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/02/24	02/01/26
LC-TOF Agilent Jet Stream 6230	02/02/24	02/01/26
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC	02/02/24	02/01/26
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	02/02/24	02/01/26
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	02/02/24	02/01/26
ELISA Tecan	04/03/23	04/01/25
LC-TOF Agilent Jet Stream 6230	04/03/23	04/01/25
LC-QTOF Agilent Dual Jet Stream 6545		
GC-FID Agilent 7890, 6890 & 8890	04/03/23	04/01/25
Agilent 5890, 6890, 7890 or 8890 GC	04/03/23	04/01/25
Agilent 5973, 5975 or 5977 GC/MSD		
Agilent Stream Select x 6945 LC-MS/MS	04/03/23	04/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		
LC-MS/MS TQD Tandem Mass Spectrometer	04/03/23	04/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	04/03/23	04/01/25
LC-QTOF Agilent Dual Jet Stream 6545 QTOF	04/03/23	04/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Corey Allegrucci  
**Agency:** NMS Labs  
**Permit Number:** 728

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	04/26/23	04/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Rachael C. Beemer

**Agency:** NMS Labs

**Permit Number:** 729

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS Sciex API 4500 or 6500	02/02/24	02/01/26
LC-MS/MS Sciex API 4500 or 6500	06/01/23	06/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kira Love Bochard

**Agency:** NMS Labs

**Permit Number:** 730

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	06/01/23	06/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Devon JB Hart  
**Agency:** NMS Labs  
**Permit Number:** 731

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS TQD Tandem Mass Spectrometer	06/01/23	06/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
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**Name:** Adam Jay Pastroski  
**Agency:** NMS Labs  
**Permit Number:** 732

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Sciex API 4500 or 6500	06/01/23	06/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Courtney Jo Rush

**Agency:** NMS Labs

**Permit Number:** 733

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	06/01/23	06/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Hannah Marie Schoeppner

**Agency:** NMS Labs

**Permit Number:** 734

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	06/01/23	06/01/25



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Barera S. Hasan  
**Agency:** NMS Labs  
**Permit Number:** 735

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Sciex API 4500 or 6500	06/30/23	06/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
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**Name:** Mia Catherine Baumgarten

**Agency:** NMS Labs

**Permit Number:** 736

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	06/30/23	06/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Michelle M. Cancel Baez

**Agency:** NMS Labs

**Permit Number:** 737

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	08/02/23	08/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Rishan Nkechi Ubah

**Agency:** NMS Labs

**Permit Number:** 738

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent Stream Select x 6945 LC-MS/MS	08/02/23	08/01/25
Agilent 5890, 6890, 7890 or 8890 GC		
Agilent 5973 GC/MSD, Agilent 5975 GC/MSD		
Agilent 5977 GC/MSD		
Agilent 7000 Triple Quad GC/MS		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Brendan Taylor Minick  
**Agency:** NMS Labs  
**Permit Number:** 739

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230	08/02/23	08/01/25
LC-QTOF Agilent Dual Jet Stream 6545		

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**Name:** Patrick Joseph Ditto

**Agency:** NMS Labs

**Permit Number:** 740

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230	08/02/23	08/01/25
LC-QTOF Agilent Dual Jet Stream 6545		

Department of Health and Human Services  
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**Name:** Ashton Joseph Smith

**Agency:** NMS Labs

**Permit Number:** 741

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	08/02/23	08/01/25

Department of Health and Human Services  
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**Name:** Shane Andrew Kullen

**Agency:** NMS Labs

**Permit Number:** 742

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS TQD Tandem Mass Spectrometer	08/09/23	08/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		



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**Name:** Emily Susanne Dillon

**Agency:** NCSCCL

**Permit Number:** 743

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LEAP Technologies Combi-Pal Autosamplers Agilent 7890 Gas Chromatographs	09/05/23	09/01/25
Agilent 7890 Gas Chromatograph Mass Spectrometers	09/05/23	09/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
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**Name:** Tyler Allison Dickson  
**Agency:** NCSCL  
**Permit Number:** 744

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LEAP Technologies Combi-Pal Autosamplers	09/05/23	09/01/25
Agilent 7890 Gas Chromatographs		
Agilent 7890 Gas Chromatograph Mass Spectrometers	09/05/23	09/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Olivia Hope Lopez

**Agency:** NMS Labs

**Permit Number:** 745

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	10/06/23	10/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Zachariah Craig Hutcheon

**Agency:** NMS Labs

**Permit Number:** 746

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent Stream Select x 6945 LC-MS/MS Agilent 5890, 6890, 7890 or 8890 GC Agilent 5973 GC/MSD, Agilent 5975 GC/MSD Agilent 5977 GC/MSD Agilent 7000 Triple Quad GC/MS	10/06/23	10/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Esther Adedamola Kolade

**Agency:** NMS Labs

**Permit Number:** 747

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS TQD Tandem Mass Spectrometer	10/06/23	10/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		

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**Name:** Erin Lynn Rohrbach

**Agency:** NMS Labs

**Permit Number:** 748

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	10/06/23	10/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Shelby Caroline Morgan

**Agency:** NMS Labs

**Permit Number:** 749

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Sciex API 4500 or 6500	10/06/23	10/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Dayla Christine Rich  
**Agency:** Union County SO CL  
**Permit Number:** 750

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Shimadzu GC 2030 and HS-20 NX	10/06/23	10/01/25



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Matthew Lee Jensen-Wiekert

**Agency:** Union County SO CL

**Permit Number:** 751

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Shimadzu GC 2030 and HS-20 NX	10/06/23	10/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Brianna Noelle Alumbaugh  
**Agency:** Union County SO CL  
**Permit Number:** 752

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Shimadzu GC 2030 and HS-20 NX	10/10/23	10/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Emily Marie Ashe  
**Agency:** NMS Labs  
**Permit Number:** 753

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Sciex API 4500 or 6500	10/24/23	10/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lauren Margaret Bogiatzis

**Agency:** NMS Labs

**Permit Number:** 754

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent Stream Select x 6945 LC-MS/MS Agilent 5890, 6890, 7890 or 8890 GC Agilent 5973 GC/MSD, Agilent 5975 GC/MSD Agilent 5977 GC/MSD Agilent 7000 Triple Quad GC/MS	10/24/23	10/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Calaya Zhou  
**Agency:** NMS Labs  
**Permit Number:** 755

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	11/28/23	11/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Anya Collette Burke

**Agency:** NMS Labs

**Permit Number:** 756

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS TQD Tandem Mass Spectrometer	02/02/24	02/01/26
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		
LC-MS/MS Waters Xevo Micro TQS		
LC-MS/MS TQD Tandem Mass Spectrometer	11/28/23	11/01/25
LC-MS/MS Waters TQS		
LC-MS/MS Waters TQXS		
LC-MS/MS Waters Cronos Micro TQS		

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Gabrielle Elaine Arnold

**Agency:** NMS Labs

**Permit Number:** 757

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC-FID Agilent 7890, 6890 & 8890	11/28/23	11/01/25

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lauren Emily Herdzik

**Agency:** NMS Labs

**Permit Number:** 758

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 5890, 6890, 7890 or 8890 GC Agilent 5973, 5975 or 5977 GC/MSD	01/16/24	01/01/26