



LOUISIANA
DEPARTMENT OF
HEALTH

STATE OF LOUISIANA

DEPARTMENT OF HEALTH
OFFICE OF PUBLIC HEALTH

EMSL ANALYTICAL, INC.

200 Route 130 North

Cinnaminson, NJ 08077

is certified by the State of Louisiana in accordance with
Department of Health regulations
Louisiana Administrative Code 48:V.Chapter 80 and
Louisiana Administrative Code 51:XII.101 and 301

Scope of certification is limited to the
fields of testing which accompany this certificate

Continued certified status depends on successful
ongoing participation in the program

CERTIFICATE NUMBER: LA004
EFFECTIVE DATE: January 1, 2022
EXPIRATION DATE: December 31, 2022

Handwritten signature of Richard T. Tulley in black ink.

Richard T. Tulley, Ph.D.,
Public Health Laboratory Director
1209 Leesville Avenue
Baton Rouge, Louisiana 70802

Handwritten signature of Grant Aucoin in black ink.

Grant Aucoin
Laboratory Certification Program
Manager

subject to forfeiture or revocation



Louisiana Department of Health

Office of Public Health

1209 Leesville Avenue

Baton Rouge, LA 70802

(225) 219-5202

Louisiana Certification - 2022

EMSL Analytical, Inc. located in Cinnaminson, NJ
meets all of the criteria necessary for CERTIFICATION by the State of Louisiana for the analysis
of drinking water for the following contaminants:

Drinking Water Parameters

| Analyte | Method | Primary AB | Method Revision # or date | Technology Description | TNI Method Code | TNI Analyte Code |
|-----------|-----------|------------|---------------------------|------------------------|-----------------|------------------|
| Aluminum | EPA 200.7 | NJ | rev 4.4 | ICP-AES | 10013806 | 1000 |
| Aluminum | EPA 200.8 | NJ | rev 5.4 | ICP-MS | 10014605 | 1000 |
| Antimony | EPA 200.8 | NJ | rev 5.4 | ICP-MS | 10014605 | 1005 |
| Arsenic | EPA 200.8 | NJ | rev 5.4 | ICP-MS | 10014605 | 1010 |
| Asbestos | EPA 100.1 | NJ | 1983 | TEM | 10004203 | 1520 |
| Asbestos | EPA 100.2 | NJ | 1994 | TEM | 10004601 | 1520 |
| Barium | EPA 200.7 | NJ | rev 4.4 | ICP-AES | 10013806 | 1015 |
| Barium | EPA 200.8 | NJ | rev 5.4 | ICP-MS | 10014605 | 1015 |
| Beryllium | EPA 200.8 | NJ | rev 5.4 | ICP-MS | 10014605 | 1020 |
| Cadmium | EPA 200.7 | NJ | rev 4.4 | ICP-AES | 10013806 | 1030 |
| Cadmium | EPA 200.8 | NJ | rev 5.4 | ICP-MS | 10014605 | 1030 |
| Calcium | EPA 200.7 | NJ | rev 4.4 | ICP-AES | 10013806 | 1035 |
| Chromium | EPA 200.7 | NJ | rev 4.4 | ICP-AES | 10013806 | 1040 |

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|--|-----------|------------|---------------------------|------------------------|-----------------|------------------|
| Chromium | EPA 200.8 | NJ | rev 5.4 | ICP-MS | 10014605 | 1040 |
| Copper | EPA 200.7 | NJ | rev 4.4 | ICP-AES | 10013806 | 1055 |
| Copper | EPA 200.8 | NJ | rev 5.4 | ICP-MS | 10014605 | 1055 |
| Iron | EPA 200.7 | NJ | rev 4.4 | ICP-AES | 10013806 | 1070 |
| Lead | EPA 200.8 | NJ | rev 5.4 | ICP-MS | 10014605 | 1075 |
| Magnesium | EPA 200.7 | NJ | rev 4.4 | ICP-AES | 10013806 | 1085 |
| Manganese | EPA 200.7 | NJ | rev 4.4 | ICP-AES | 10013806 | 1090 |
| Manganese | EPA 200.8 | NJ | rev 5.4 | ICP-MS | 10014605 | 1090 |
| Nickel | EPA 200.7 | NJ | rev 4.4 | ICP-AES | 10013806 | 1105 |
| Nickel | EPA 200.8 | NJ | rev 5.4 | ICP-MS | 10014605 | 1105 |
| Potassium | EPA 200.7 | NJ | rev 4.4 | ICP-AES | 10013806 | 1125 |
| Selenium | EPA 200.8 | NJ | rev 5.4 | ICP-MS | 10014605 | 1140 |
| Silica as SiO2 | EPA 200.7 | NJ | rev 4.4 | ICP-AES | 10013806 | 1990 |
| Silver | EPA 200.7 | NJ | rev 4.4 | ICP-AES | 10013806 | 1150 |
| Silver | EPA 200.8 | NJ | rev 5.4 | ICP-MS | 10014605 | 1150 |
| Sodium | EPA 200.7 | NJ | rev 4.4 | ICP-AES | 10013806 | 1155 |
| Thallium | EPA 200.8 | NJ | rev 5.4 | ICP-MS | 10014605 | 1165 |
| Uranium | EPA 200.8 | NJ | rev 5.4 | ICP-MS | 10014605 | 1184 |
| Zinc | EPA 200.7 | NJ | rev 4.4 | ICP-AES | 10013806 | 1190 |
| Zinc | EPA 200.8 | NJ | rev 5.4 | ICP-MS | 10014605 | 1190 |
| 11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS) | EPA 537.1 | NJ | 2018 | HPLC-TMS | 10091642 | 9490 |

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|--|-----------|------------|---------------------------|------------------------|-----------------|------------------|
| 2-(N-Ethyl-perfluorooctane sulfonamido) acetic acid | EPA 537 | NJ | rev 1.1 | HPLC-TMS | 10091675 | 4846 |
| 2-(N-Ethyl-perfluorooctane sulfonamido) acetic acid | EPA 537.1 | NJ | 2018 | HPLC-TMS | 10091642 | 4846 |
| 2-(N-Methyl-perfluorooctane sulfonamido) acetic acid | EPA 537 | NJ | rev 1.1 | HPLC-TMS | 10091675 | 6955 |
| 2-(N-Methyl-perfluorooctane sulfonamido) acetic acid | EPA 537.1 | NJ | 2018 | HPLC-TMS | 10091642 | 6955 |
| 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-CI-PF3ONS) | EPA 537.1 | NJ | 2018 | HPLC-TMS | 10091642 | 6952 |
| Ammonium 4,8-Dioxa-3H-Perfluorononanoate (ADONA) | EPA 537.1 | NJ | 2018 | HPLC-TMS | 10091642 | 6953 |
| Hexafluoropropyleneoxide dimer acid (HFPODA) (GenX) | EPA 537.1 | NJ | 2018 | HPLC-TMS | 10091642 | 9460 |
| Perfluorobutane sulfonic acid (PFBS) | EPA 537 | NJ | rev 1.1 | HPLC-TMS | 10091675 | 6918 |
| Perfluorobutane sulfonic acid (PFBS) | EPA 537.1 | NJ | 2018 | HPLC-TMS | 10091642 | 6918 |
| Perfluorobutyric acid (PFBA) | EPA 537 | NJ | rev 1.1 | HPLC-TMS | 10091675 | 6915 |
| Perfluorodecanoic acid (PFDA) | EPA 537 | NJ | rev 1.1 | HPLC-TMS | 10091675 | 6905 |
| Perfluorodecanoic acid (PFDA) | EPA 537.1 | NJ | 2018 | HPLC-TMS | 10091642 | 6905 |
| Perfluorododecanoic acid (PFDOA) | EPA 537 | NJ | rev 1.1 | HPLC-TMS | 10091675 | 6903 |
| Perfluorododecanoic acid (PFDOA) | EPA 537.1 | NJ | 2018 | HPLC-TMS | 10091642 | 6903 |
| Perfluoroheptanoic acid (PFHpA) | EPA 537 | NJ | rev 1.1 | HPLC-TMS | 10091675 | 6908 |
| Perfluoroheptanoic acid (PFHpA) | EPA 537.1 | NJ | 2018 | HPLC-TMS | 10091642 | 6908 |

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| Perfluorohexane sulfonic acid (PFHxS) | EPA 537 | NJ | rev 1.1 | HPLC-TMS | 10091675 | 6910 |
| Perfluorohexane sulfonic acid (PFHxS) | EPA 537.1 | NJ | 2018 | HPLC-TMS | 10091642 | 6927 |
| Perfluorohexanoic acid (PFHxA) | EPA 537 | NJ | rev 1.1 | HPLC-TMS | 10091675 | 6913 |
| Perfluorohexanoic acid (PFHxA) | EPA 537.1 | NJ | 2018 | HPLC-TMS | 10091642 | 6913 |
| Perfluorononanoic acid (PFNA) | EPA 537 | NJ | rev 1.1 | HPLC-TMS | 10091675 | 6906 |
| Perfluorononanoic acid (PFNA) | EPA 537.1 | NJ | 2018 | HPLC-TMS | 10091642 | 6906 |
| Perfluorooctane sulfonic acid (PFOS) | EPA 537 | NJ | rev 1.1 | HPLC-TMS | 10091675 | 6909 |
| Perfluorooctane sulfonic acid (PFOS) | EPA 537.1 | NJ | 2018 | HPLC-TMS | 10091642 | 6931 |
| Perfluorooctanoic acid (PFOA) | EPA 537 | NJ | rev 1.1 | HPLC-TMS | 10091675 | 6912 |
| Perfluorooctanoic acid (PFOA) | EPA 537.1 | NJ | 2018 | HPLC-TMS | 10091642 | 6912 |
| Perfluoropentanoic acid (PFPEA) | EPA 537 | NJ | rev 1.1 | HPLC-TMS | 10091675 | 6914 |
| Perfluorotetradecanoic acid (PFTDA) | EPA 537 | NJ | rev 1.1 | HPLC-TMS | 10091675 | 6902 |
| Perfluorotetradecanoic acid (PFTDA) | EPA 537.1 | NJ | 2018 | HPLC-TMS | 10091642 | 6902 |
| Perfluorotridecanoic acid (PFTrDA) | EPA 537 | NJ | rev 1.1 | HPLC-TMS | 10091675 | 9563 |
| Perfluorotridecanoic acid (PFTrDA) | EPA 537.1 | NJ | 2018 | HPLC-TMS | 10091642 | 9563 |
| Perfluoroundecanoic acid (PFUnDA) | EPA 537 | NJ | rev 1.1 | HPLC-TMS | 10091675 | 6904 |

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|-----------------------------------|--------------|------------|---------------------------|------------------------|-----------------|------------------|
| Perfluoroundecanoic acid (PFUnDA) | EPA 537.1 | NJ | 2018 | HPLC-TMS | 10091642 | 6904 |
| Gross Alpha | EPA 900.0 | NJ | 1980 | PC | 10242601 | 2830 |
| Gross Beta | EPA 900.0 | NJ | 1980 | PC | 10242601 | 2840 |
| Radium-226 | EPA 903.0 | NJ | 1980 | PC | 10244005 | 2965 |
| Radium-228 | EPA 904.0 | NJ | 1980 | PC | 10309805 | 2970 |
| Radon-222 | SM 7500-Rn B | NJ | 21st ed. | LSC | 20173711 | 2980 |

The State of New Jersey is the primary TNI Accreditation Body for EMSL Analytical, Inc. and the Louisiana Department of Health is a secondary Certification Body for this laboratory. For a list of additional parameters, refer to the New Jersey Department of Environmental Protection.