

**EMSL Analytical, Inc.**

200 Route 130, Cinnaminson, NJ, 08077  
Telephone: 856-858-4800 Fax:856-786-5974  
EMSL-CIN-01

**EMSL Order ID:**  
**LIMS Reference ID:**  
**EMSL Customer ID:**

**Attention:****Project Name:**

**Customer PO:**  
**EMSL Sales Rep:**  
**Received:**  
**Reported:**

**Analytical Results**

| Analyte | Result | Q | DF | MDL | RL | Units | Prepared Date/Time | Analyzed Date/Time | Analyst Initials | Prep /Analytical Method |
|---------|--------|---|----|-----|----|-------|--------------------|--------------------|------------------|-------------------------|
|---------|--------|---|----|-----|----|-------|--------------------|--------------------|------------------|-------------------------|

Sample: Lobby H2O Fountain

Lims Reference ID: AC38920-01 Matrix: Drinking Water

Sampled: 12/03/24 00:00:00

**LC/MS**

|                                                     |          |   |   |          |         |      |                |                |     |           |
|-----------------------------------------------------|----------|---|---|----------|---------|------|----------------|----------------|-----|-----------|
| Perfluorohexanoic acid (PFHxA)                      | 0.00511  |   | 1 | 0.000652 | 0.00181 | µg/L | 12/09/24 14:30 | 12/10/24 14:15 | LE1 | EPA 537.1 |
| Perfluoroheptanoic acid (PFHpA)                     | 0.00321  |   | 1 | 0.000729 | 0.00181 | µg/L | 12/09/24 14:30 | 12/10/24 14:15 | LE1 | EPA 537.1 |
| Perfluorooctanoic acid (PFOA)                       | 0.00694  |   | 1 | 0.000669 | 0.00181 | µg/L | 12/09/24 14:30 | 12/10/24 14:15 | LE1 | EPA 537.1 |
| Perfluorononanoic acid (PFNA)                       | 0.000862 | J | 1 | 0.000666 | 0.00181 | µg/L | 12/09/24 14:30 | 12/10/24 14:15 | LE1 | EPA 537.1 |
| Perfluorodecanoic acid (PFDA)                       | ND       |   | 1 | 0.000690 | 0.00181 | µg/L | 12/09/24 14:30 | 12/10/24 14:15 | LE1 | EPA 537.1 |
| Perfluoroundecanoic acid (PFUnA)                    | ND       |   | 1 | 0.000662 | 0.00181 | µg/L | 12/09/24 14:30 | 12/10/24 14:15 | LE1 | EPA 537.1 |
| Perfluorododecanoic acid (PFDoA)                    | ND       |   | 1 | 0.000939 | 0.00181 | µg/L | 12/09/24 14:30 | 12/10/24 14:15 | LE1 | EPA 537.1 |
| Perfluorotridecanoic acid (PFTrDA)                  | ND       |   | 1 | 0.00108  | 0.00181 | µg/L | 12/09/24 14:30 | 12/10/24 14:15 | LE1 | EPA 537.1 |
| Perfluorotetradecanoic acid (PFTDA)                 | ND       |   | 1 | 0.00125  | 0.00181 | µg/L | 12/09/24 14:30 | 12/10/24 14:15 | LE1 | EPA 537.1 |
| Perfluorobutanesulfonic acid (PFBS)                 | 0.00184  |   | 1 | 0.000581 | 0.00181 | µg/L | 12/09/24 14:30 | 12/10/24 14:15 | LE1 | EPA 537.1 |
| Perfluorohexanesulfonic acid (PFHxS)                | 0.00400  |   | 1 | 0.000583 | 0.00181 | µg/L | 12/09/24 14:30 | 12/10/24 14:15 | LE1 | EPA 537.1 |
| Perfluorooctanesulfonic acid (PFOS)                 | 0.00917  |   | 1 | 0.000537 | 0.00181 | µg/L | 12/09/24 14:30 | 12/10/24 14:15 | LE1 | EPA 537.1 |
| N-methyl perfluorooctanesulfonamidoacetic acid      | ND       |   | 1 | 0.000664 | 0.00181 | µg/L | 12/09/24 14:30 | 12/10/24 14:15 | LE1 | EPA 537.1 |
| N-ethyl perfluorooctanesulfonamidoacetic acid       | ND       |   | 1 | 0.000700 | 0.00181 | µg/L | 12/09/24 14:30 | 12/10/24 14:15 | LE1 | EPA 537.1 |
| Hexafluoropropylene oxide dimer acid (HFPO-DA)      | ND       |   | 1 | 0.000675 | 0.00181 | µg/L | 12/09/24 14:30 | 12/10/24 14:15 | LE1 | EPA 537.1 |
| 4,8-dioxo-3H-perfluorononanoic acid (ADONA)         | ND       |   | 1 | 0.000736 | 0.00181 | µg/L | 12/09/24 14:30 | 12/10/24 14:15 | LE1 | EPA 537.1 |
| 9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid    | ND       |   | 1 | 0.000472 | 0.00181 | µg/L | 12/09/24 14:30 | 12/10/24 14:15 | LE1 | EPA 537.1 |
| 11-chloroheicosafuoro-3-oxaundecane-1-sulfonic acid | ND       |   | 1 | 0.000643 | 0.00181 | µg/L | 12/09/24 14:30 | 12/10/24 14:15 | LE1 | EPA 537.1 |

Sample: FRB

Lims Reference ID: AC38920-02 Matrix: Drinking Water

Sampled: 12/02/24 00:00:00

**LC/MS**

|                                                |    |  |   |          |         |      |                |                |     |           |
|------------------------------------------------|----|--|---|----------|---------|------|----------------|----------------|-----|-----------|
| Perfluorohexanoic acid (PFHxA)                 | ND |  | 1 | 0.000716 | 0.00198 | µg/L | 12/09/24 14:30 | 12/10/24 14:29 | LE1 | EPA 537.1 |
| Perfluoroheptanoic acid (PFHpA)                | ND |  | 1 | 0.000802 | 0.00198 | µg/L | 12/09/24 14:30 | 12/10/24 14:29 | LE1 | EPA 537.1 |
| Perfluorooctanoic acid (PFOA)                  | ND |  | 1 | 0.000735 | 0.00198 | µg/L | 12/09/24 14:30 | 12/10/24 14:29 | LE1 | EPA 537.1 |
| Perfluorononanoic acid (PFNA)                  | ND |  | 1 | 0.000732 | 0.00198 | µg/L | 12/09/24 14:30 | 12/10/24 14:29 | LE1 | EPA 537.1 |
| Perfluorodecanoic acid (PFDA)                  | ND |  | 1 | 0.000759 | 0.00198 | µg/L | 12/09/24 14:30 | 12/10/24 14:29 | LE1 | EPA 537.1 |
| Perfluoroundecanoic acid (PFUnA)               | ND |  | 1 | 0.000727 | 0.00198 | µg/L | 12/09/24 14:30 | 12/10/24 14:29 | LE1 | EPA 537.1 |
| Perfluorododecanoic acid (PFDoA)               | ND |  | 1 | 0.00103  | 0.00198 | µg/L | 12/09/24 14:30 | 12/10/24 14:29 | LE1 | EPA 537.1 |
| Perfluorotridecanoic acid (PFTrDA)             | ND |  | 1 | 0.00119  | 0.00198 | µg/L | 12/09/24 14:30 | 12/10/24 14:29 | LE1 | EPA 537.1 |
| Perfluorotetradecanoic acid (PFTDA)            | ND |  | 1 | 0.00137  | 0.00198 | µg/L | 12/09/24 14:30 | 12/10/24 14:29 | LE1 | EPA 537.1 |
| Perfluorobutanesulfonic acid (PFBS)            | ND |  | 1 | 0.000639 | 0.00198 | µg/L | 12/09/24 14:30 | 12/10/24 14:29 | LE1 | EPA 537.1 |
| Perfluorohexanesulfonic acid (PFHxS)           | ND |  | 1 | 0.000641 | 0.00198 | µg/L | 12/09/24 14:30 | 12/10/24 14:29 | LE1 | EPA 537.1 |
| Perfluorooctanesulfonic acid (PFOS)            | ND |  | 1 | 0.000590 | 0.00198 | µg/L | 12/09/24 14:30 | 12/10/24 14:29 | LE1 | EPA 537.1 |
| N-methyl perfluorooctanesulfonamidoacetic acid | ND |  | 1 | 0.000730 | 0.00198 | µg/L | 12/09/24 14:30 | 12/10/24 14:29 | LE1 | EPA 537.1 |
| N-ethyl perfluorooctanesulfonamidoacetic acid  | ND |  | 1 | 0.000770 | 0.00198 | µg/L | 12/09/24 14:30 | 12/10/24 14:29 | LE1 | EPA 537.1 |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | ND |  | 1 | 0.000742 | 0.00198 | µg/L | 12/09/24 14:30 | 12/10/24 14:29 | LE1 | EPA 537.1 |

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**Analytical Results**  
**(Continued)**

| Analyte                                            | Result | Q                  | DF | MDL      | RL         | Units | Prepared Date/Time     | Analyzed Date/Time | Analyst Initials           | Prep /Analytical Method |
|----------------------------------------------------|--------|--------------------|----|----------|------------|-------|------------------------|--------------------|----------------------------|-------------------------|
| Sample: FRB (Continued)                            |        | Lims Reference ID: |    |          | AC38920-02 |       | Matrix: Drinking Water |                    | Sampled: 12/02/24 00:00:00 |                         |
| LC/MS (Continued)                                  |        |                    |    |          |            |       |                        |                    |                            |                         |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)        | ND     |                    | 1  | 0.000809 | 0.00198    | µg/L  | 12/09/24 14:30         | 12/10/24 14:29     | LE1                        | EPA 537.1               |
| 9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid   | ND     |                    | 1  | 0.000519 | 0.00198    | µg/L  | 12/09/24 14:30         | 12/10/24 14:29     | LE1                        | EPA 537.1               |
| 11-chloroeicosafluoro-3-oxaundecane-1-sulfonicacid | ND     |                    | 1  | 0.000706 | 0.00198    | µg/L  | 12/09/24 14:30         | 12/10/24 14:29     | LE1                        | EPA 537.1               |

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| Analyte                                           | Certifications                |
|---------------------------------------------------|-------------------------------|
| <b><i>EPA 537.1 in Drinking Water</i></b>         |                               |
| Perfluorohexanoic acid (PFHxA)                    | CTDPH,NJDEP,NYSDOH,PADEP,A2LA |
| Perfluoroheptanoic acid (PFHpA)                   | CTDPH,NJDEP,NYSDOH,PADEP,A2LA |
| Perfluorooctanoic acid (PFOA)                     | CTDPH,NJDEP,NYSDOH,PADEP,A2LA |
| Perfluorononanoic acid (PFNA)                     | CTDPH,NJDEP,NYSDOH,PADEP,A2LA |
| Perfluorodecanoic acid (PFDA)                     | CTDPH,NJDEP,NYSDOH,PADEP,A2LA |
| Perfluoroundecanoic acid (PFUnA)                  | CTDPH,NJDEP,NYSDOH,PADEP,A2LA |
| Perfluorododecanoic acid (PFDoA)                  | CTDPH,NJDEP,NYSDOH,PADEP,A2LA |
| Perfluorotridecanoic acid (PFTTrDA)               | CTDPH,NJDEP,NYSDOH,PADEP,A2LA |
| Perfluorotetradecanoic acid (PFTDA)               | CTDPH,NJDEP,NYSDOH,PADEP,A2LA |
| Perfluorobutanesulfonic acid (PFBS)               | CTDPH,NJDEP,NYSDOH,PADEP,A2LA |
| Perfluorohexanesulfonic acid (PFHxS)              | CTDPH,NJDEP,NYSDOH,PADEP,A2LA |
| Perfluorooctanesulfonic acid (PFOS)               | CTDPH,NJDEP,NYSDOH,PADEP,A2LA |
| N-methyl perfluorooctanesulfonamidoacetic acid    | CTDPH,NJDEP,NYSDOH,PADEP,A2LA |
| N-ethyl perfluorooctanesulfonamidoacetic acid     | CTDPH,NJDEP,NYSDOH,PADEP,A2LA |
| Hexafluoropropylene oxide dimer acid (HFPO-DA)    | CTDPH,NJDEP,NYSDOH,PADEP,A2LA |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)       | CTDPH,NJDEP,NYSDOH,PADEP,A2LA |
| 9-chlorohexadecafluoro-3-oxanone-1-sulfonamide    | CTDPH,NJDEP,NYSDOH,PADEP,A2LA |
| 11-chloroeicosafluoro-3-oxaundecane-1-sulfonamide | CTDPH,NJDEP,NYSDOH,PADEP,A2LA |

**List of Certifications**

| Code            | Description                                                          | Number   | Expires    |
|-----------------|----------------------------------------------------------------------|----------|------------|
| PADEP           | Pennsylvania Department of Environmental Protection                  | 68-00367 | 11/30/2025 |
| NYSDOH          | New York State Department of Health                                  | 10872    | 04/01/2025 |
| NJDEP           | New Jersey Department of Environmental Protection                    | 03036    | 06/30/2025 |
| MADEP           | Massachusetts Department of Environmental Protection                 | M-NJ337  | 06/30/2025 |
| CTDPH           | Connecticut Department of Public Health                              | PH-0270  | 06/23/2026 |
| California ELAP | California Water Boards                                              | 1877     | 06/30/2025 |
| AIHA LAP        | EMSL Analytical, Inc. Cinnaminson, NJ AIHA-LAP, LLC-ELLAP Accredited | 100194   | 01/01/2025 |
| A2LA            | A2LA Environmental Certificate                                       | 2845.01  | 07/31/2026 |

Please see the specific Field of Testing (FOT) on [www.emsl.com](http://www.emsl.com) for a complete listing of parameters for which EMSL is certified.

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**Notes and Definitions**

| <b>Item</b> | <b>Definition</b>                                                                                     |
|-------------|-------------------------------------------------------------------------------------------------------|
| J           | Estimated value. The result is less than the RL but above the MDL.                                    |
| R1          | Recovery is outside of the method control limits.                                                     |
| S1          | Surrogate recovery is outside the control limits, results confirmed by re-extraction and re-analysis. |
| (Dig)       | For metals analysis, sample was digested.                                                             |
| [2C]        | Reported from the second channel in dual column analysis.                                             |
| DF          | Dilution Factor                                                                                       |
| MDL         | Method Detection Limit.                                                                               |
| ND          | Analyte was NOT DETECTED at or above the detection limit.                                             |
| NR          | Spike/Surrogate showed no recovery.                                                                   |
| Q           | Qualifier                                                                                             |
| RL          | Reporting Limit                                                                                       |
| Wet         | Sample is not dry weight corrected.                                                                   |

Measurement of uncertainty and any applicable definitions of method modifications are available upon request. Per EPA NLLAP policy, sample results are not blank corrected.

Owen McKenna Laboratory Manager or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.