



SGS Silver State Analytical Laboratories  
3626 E. Sunset Road, Suite 100  
Las Vegas, NV 89120  
(702) 873-4478  
www.ssalabs.com

March 31, 2025  
Workorder **25030647**

Randy Sharpe  
H2 Analytics  
2505 Anthem Village Dr Ste E385  
Henderson, NV 89052

Project: H2A-25-0313-1

Dear Randy Sharpe:

It is the policy of SGS Silver State Analytical Laboratory - Las Vegas to strictly adhere to a comprehensive Quality Assurance Plan that ensures the data presented in this report are both accurate and precise. SGS Silver State Analytical Laboratory - Las Vegas maintains accreditation in the State of Nevada (NV-00930).

The data presented in this report was obtained from the analysis of samples received under a chain of custody. Unless otherwise noted below, samples were received in good condition, properly preserved and within hold time for the required analyses. Any anomalies associated with the analysis of the samples have been flagged in the Analytical Report with an appropriate explanation in the Definitions & Qualifiers.

25030647  
SUB-PFAS-537.1 has been Sub Contracted.

Sincerely,

A handwritten signature in black ink, appearing to read 'Carly Wood'.

Carly Wood  
Laboratory Director  
3626 E. Sunset Road, Suite 100  
Las Vegas, NV 89120



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Las Vegas, NV 89120  
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## Analytical Report

Workorder#: 25030647  
Date Reported: 3/31/2025

Client: H2 Analytics  
Project Name: H2A-25-0313-1  
PO #:

Sampled By: R Sharpe

Laboratory Accreditation Number: NV930/CA3029

| Laboratory ID | Client Sample ID | Date/Time Sampled | Date Received |
|---------------|------------------|-------------------|---------------|
| 25030647-01   | EVOLV H2 Bottle  | 03/13/2025 11:45  | 3/14/2025     |

| Parameter | Method | Result     | Units | PQL | Analyst | Date/Time Analyzed | Data Flag |
|-----------|--------|------------|-------|-----|---------|--------------------|-----------|
| SUB       | SUB    | See Report |       |     | MM      |                    |           |



# FINAL LAB REPORT

**25030647**

32500691

31-Mar-2025

Prepared by

**SGS NORTH AMERICA**

Prepared for

**SGS Silver State Laboratories, Inc.**

Kevin Kauffman

3626 East Sunset Road, Suite 1

Las Vegas, NV 89120

Phone: 702-873-4478

Email: Kevin.Kauffman@sgs.com

*This report is approved by*

Tamara Burkamper

tamara.burkamper@sgs.com

Senior Project Manager

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## SGS CERTIFICATIONS

|  |  |
|--|--|
| Alaska DEC LAP   | 17-012   |
| Alaska DEC LCP   | NC00919  |
| Arkansas   | 88-0682  |
| California (ELAP)  | ELAP Cert #2914                                      |
| CLIA   | 34D1013708   |
| Colorado   | NC00919  |
| Connecticut  | PH-0258  |
| USDA Soil Permit   | P330-20-00103  |
| American Association for Laboratory Accreditation (A2LA) | 2726.01 (ISO 17025:2017, 2009 TNI, DoD ELAP QSM 5.4) |
| Florida DOH  | E87634   |
| Hawaii DOH   | Approval   |
| Louisiana DEQ  | 4115   |
| Louisiana DOH  | LA031  |
| Maine  | 2020020  |
| Massachusetts  | M-NC919  |
| Michigan   | 9950   |
| Minnesota (Primary NELAP For Method 23)                  | 037-999-459  |
| Montana  | 0106   |
| New Hampshire (Secondary NELAP)                          | 2083   |
| New Jersey   | NC100  |
| New York   | 11685  |
| North Carolina DEQ                                       | 481  |
| Ohio   | 87785  |
| Oklahoma   | 2205   |
| Oregon   | NC200002   |
| Pennsylvania   | 68-03675   |
| South Carolina   | 99029002   |
| Texas  | T104704260   |
| UCMR 5   | NC00919  |
| US Coast Guard   | 16714/159.317/SGS                                    |
| U.S. Fish and Wildlife Service                           | A22801   |
| Vermont  | VT-87634   |
| Virginia   | 460214   |
| Washington   | C913   |

Rev. 16-Mar-2023

## Laboratory Qualifiers

### Report Definitions

|        |  |
|--------|--|
| DL     | Method, Instrument, or Estimated Detection Limit per Analytical Method |
| CL     | Control Limits for the recovery result of a parameter                  |
| LOQ    | Reporting Limit  |
| DF     | Dilution Factor  |
| RPD    | Relative Percent Difference  |
| LCS(D) | Laboratory Control Spike (Duplicate)                                   |
| MS(D)  | Matrix Spike (Duplicate)   |
| MB     | Method Blank   |

### Qualifier Definitions

|     |   |
|-----|---|
| *   | Recovery or RPD outside of control limits   |
| A   | Indicates reported result is above the established limit  |
| B   | Analyte was detected in the Lab Method Blank at a level above the LOQ   |
| U   | Undetected (Reported as ND or < DL)   |
| J   | Estimated Concentration.  |
| E   | Amount detected is greater than the Upper Calibration Limit   |
| TIC | Tentatively Identified Compound   |
| ND  | Not Detected  |
| P   | RPD > 40% between results of dual columns   |
| D   | Spike or surrogate was diluted out in order to achieve a parameter result within instrument calibration range |

Samples requiring manual integrations for various congeners and/or standards are marked and dated by the analyst. A code definition is provided below:

|    |  |
|----|--|
| M1 | Mis-identified peak  |
| M2 | Software did not integrate peak  |
| M3 | Incorrect baseline construction (i.e. not all of peak included; two peaks integrated as one) |
| M4 | Pattern integration required (i.e. DRO, GRO, PCB, Toxaphene and Technical Chlordane)         |
| M5 | Other - Explained in case narrative  |

**Note** Results pages that include a value for "Solids (%)" have been adjusted for moisture content.

## Sample Summary

| <u>Client Sample ID</u> | <u>Lab Sample ID</u> | <u>Collected</u> | <u>Received</u>  | <u>Matrix</u>  |
|-------------------------|----------------------|------------------|------------------|----------------|
| EVOLV H2 Bottle         | 32500691001          | 03/13/2025 00:00 | 03/18/2025 10:02 | Drinking Water |

### Detectable Results Summary

**\* No Detectable Results \***

## Parameter Cross Reference

## REGULAR

| <u>PARAMETER</u> | <u>CASNO</u> | <u>FULL NAME</u>                                    |
|------------------|--------------|---|
| 11CI-PF3OUdS     | 763051-92-9  | 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid |
| 9CI-PF3ONS       | 756426-58-1  | 9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid  |
| HFPO-DA (GenX)   | 13252-13-6   | Hexafluoropropylene oxide dimer acid                |
| NaDONA           | 919005-14-4  | 4,8-dioxa-3H-perfluorononanoic acid                 |
| NEtFOSAA         | 2991-50-6    | N-ethyl perfluorooctanesulfonamidoacetic acid       |
| NMeFOSAA         | 2355-31-9    | N-methyl perfluorooctanesulfonamidoacetic acid      |
| PFBS             | 375-73-5     | Perfluorobutanesulfonic Acid                        |
| PFDA             | 335-76-2     | Perfluorodecanoic acid                              |
| PFDoA            | 307-55-1     | Perfluorododecanoic acid                            |
| PFHpA            | 375-85-9     | Perfluoroheptanoic acid                             |
| PFHxA            | 307-24-4     | Perfluorohexanoic acid                              |
| PFHxS            | 355-46-4     | Perfluorohexanesulfonic Acid                        |
| PFNA             | 375-95-1     | Perfluorononanoic acid                              |
| PFOA             | 335-67-1     | Perfluorooctanoic acid                              |
| PFOS             | 1763-23-1    | Perfluorooctanesulfonic Acid                        |
| PFTreA           | 376-06-7     | Perfluorotetradecanoic acid                         |
| PFTriA           | 72629-94-8   | Perfluorotridecanoic acid                           |
| PFuNA            | 2058-94-8    | Perfluoroundecanoic acid                            |

## SURROGATE

| <u>PARAMETER</u> | <u>CASNO</u> | <u>FULL NAME</u>                               |
|------------------|--------------|--|
| 13C2-PFDA        | 13CPFDA      | 13C2-PerFluorodecanoic Acid                    |
| 13C2-PFHxA       | 13CPFHXA     | 13C2-Perfluoro-n-hexanoic Acid                 |
| 13C3-HFPO-DA     |              | 13C3-HFPO-DA                                   |
| d5-NEtFOSAA      | 1265205-97-7 | d5-N-ethyl-perfluoro-1-octanesulfonamidoacetic |



### Results of EVOLV H2 Bottle

Client Sample ID: **EVOLV H2 Bottle**  
 Client Project ID: **25030647**  
 Lab Sample ID: 32500691001-C  
 Lab Project ID: 32500691

Collection Date: 03/13/2025 00:00  
 Received Date: 03/18/2025 10:02  
 Matrix: Drinking Water

### Results by EPA 537.1

| Parameter         | Result | Qual | DL    | LOQ/CL   | Units | DF | Date Analyzed    |
|-------------------|--------|------|-------|----------|-------|----|------------------|
| NEtFOSAA          | ND     | U    | 0.769 | 1.81     | ng/L  | 1  | 03/27/2025 20:54 |
| NMeFOSAA          | ND     | U    | 0.702 | 1.81     | ng/L  | 1  | 03/27/2025 20:54 |
| PFBS              | ND     | U    | 0.567 | 1.81     | ng/L  | 1  | 03/27/2025 20:54 |
| PFDA              | ND     | U    | 0.568 | 1.81     | ng/L  | 1  | 03/27/2025 20:54 |
| PFDaA             | ND     | U    | 0.520 | 1.81     | ng/L  | 1  | 03/27/2025 20:54 |
| PFHpA             | ND     | U    | 0.560 | 1.81     | ng/L  | 1  | 03/27/2025 20:54 |
| PFHxA             | ND     | U    | 0.736 | 1.81     | ng/L  | 1  | 03/27/2025 20:54 |
| PFHxS             | ND     | U    | 0.800 | 1.81     | ng/L  | 1  | 03/27/2025 20:54 |
| PFNA              | ND     | U    | 0.610 | 1.81     | ng/L  | 1  | 03/27/2025 20:54 |
| PFOA              | ND     | U    | 0.587 | 1.81     | ng/L  | 1  | 03/27/2025 20:54 |
| PFOS              | ND     | U    | 0.912 | 1.81     | ng/L  | 1  | 03/27/2025 20:54 |
| PFTreA            | ND     | U    | 0.571 | 1.81     | ng/L  | 1  | 03/27/2025 20:54 |
| PFTriA            | ND     | U    | 0.587 | 1.81     | ng/L  | 1  | 03/27/2025 20:54 |
| PFuNA             | ND     | U    | 0.643 | 1.81     | ng/L  | 1  | 03/27/2025 20:54 |
| NaDONA            | ND     | U    | 0.619 | 1.81     | ng/L  | 1  | 03/27/2025 20:54 |
| 9Cl-PF3ONS        | ND     | U    | 0.583 | 1.81     | ng/L  | 1  | 03/27/2025 20:54 |
| 11Cl-PF3OUdS      | ND     | U    | 0.750 | 1.81     | ng/L  | 1  | 03/27/2025 20:54 |
| HFPO-DA (GenX)    | ND     | U    | 0.863 | 1.81     | ng/L  | 1  | 03/27/2025 20:54 |
| <b>Surrogates</b> |        |      |       |          |       |    |                  |
| 13C2-PFDA         | 93.8   |      |       | 70.0-130 | %     | 1  | 03/27/2025 20:54 |
| 13C2-PFHxA        | 95.5   |      |       | 70.0-130 | %     | 1  | 03/27/2025 20:54 |
| d5-NEtFOSAA       | 84.8   |      |       | 70.0-130 | %     | 1  | 03/27/2025 20:54 |
| 13C3-HFPO-DA      | 94.7   |      |       | 70.0-130 | %     | 1  | 03/27/2025 20:54 |

### Batch Information

Analytical Batch: **XLC3480**  
 Analytical Method: **EPA 537.1**  
 Instrument: **TQS2**  
 Analyst: **BM**  
 Analytical Date/Time: **03/27/2025 20:54**

Prep Batch: **HXX5075**  
 Prep Method: **EPA 537.1 Prep**  
 Prep Date/Time: **03/20/2025 14:47**  
 Prep Initial Wt./Vol.: **277 mL**  
 Prep Extract Vol: **1 mL**

## Batch Summary

Analytical Method: EPA 537.1

Prep Method: EPA 537.1 Prep

Prep Batch: HXX5075

Prep Date: 03/20/2025 14:47

| <u>Client Sample ID</u>        | <u>Lab Sample ID</u> | <u>Analysis Date</u> | <u>Analytical Batch</u> | <u>Instrument</u> | <u>Analyst</u> |
|--------------------------------|----------------------|----------------------|-------------------------|-------------------|----------------|
| MB for HBN 170352 [HXX/5075]   | 295730               | 03/27/2025 20:16     | XLC3480                 | TQS2              | BM             |
| LCS1 for HBN 170352 [HXX/5075] | 295731               | 03/27/2025 20:35     | XLC3480                 | TQS2              | BM             |
| Batch (295684MS1)              | 295732               | 03/27/2025 22:10     | XLC3480                 | TQS2              | BM             |
| Batch (295694DUP)              | 295733               | 03/27/2025 22:48     | XLC3480                 | TQS2              | BM             |
| EVOLV H2 Bottle                | 32500691001          | 03/27/2025 20:54     | XLC3480                 | TQS2              | BM             |

### Method Blank

Blank ID: MB for HBN 170352 [HXX/5075]

Blank Lab ID: 295730

QC for Samples:

32500691001

Matrix: Water

### Results by EPA 537.1

| Parameter         | Result | Qual | DL    | LOQ/CL   | Units | DF |
|-------------------|--------|------|-------|----------|-------|----|
| NEtFOSAA          | ND     | U    | 0.852 | 2.00     | ng/L  | 1  |
| NMeFOSAA          | ND     | U    | 0.778 | 2.00     | ng/L  | 1  |
| PFBS              | ND     | U    | 0.628 | 2.00     | ng/L  | 1  |
| PFDA              | ND     | U    | 0.629 | 2.00     | ng/L  | 1  |
| PFDaA             | ND     | U    | 0.576 | 2.00     | ng/L  | 1  |
| PFHpA             | ND     | U    | 0.620 | 2.00     | ng/L  | 1  |
| PFHxA             | ND     | U    | 0.816 | 2.00     | ng/L  | 1  |
| PFHxS             | ND     | U    | 0.886 | 2.00     | ng/L  | 1  |
| PFNA              | ND     | U    | 0.676 | 2.00     | ng/L  | 1  |
| PFOA              | ND     | U    | 0.650 | 2.00     | ng/L  | 1  |
| PFOS              | ND     | U    | 1.01  | 2.00     | ng/L  | 1  |
| PFTreA            | ND     | U    | 0.633 | 2.00     | ng/L  | 1  |
| PFTriA            | ND     | U    | 0.650 | 2.00     | ng/L  | 1  |
| PFuNA             | ND     | U    | 0.712 | 2.00     | ng/L  | 1  |
| NaDONA            | ND     | U    | 0.686 | 2.00     | ng/L  | 1  |
| 9Cl-PF3ONS        | ND     | U    | 0.646 | 2.00     | ng/L  | 1  |
| 11Cl-PF3OUdS      | ND     | U    | 0.831 | 2.00     | ng/L  | 1  |
| HFPO-DA (GenX)    | ND     | U    | 0.956 | 2.00     | ng/L  | 1  |
| <b>Surrogates</b> |        |      |       |          |       |    |
| 13C2-PFDA         | 101    |      |       | 70.0-130 | %     | 1  |
| 13C2-PFHxA        | 107    |      |       | 70.0-130 | %     | 1  |
| d5-NEtFOSAA       | 90.1   |      |       | 70.0-130 | %     | 1  |
| 13C3-HFPO-DA      | 105    |      |       | 70.0-130 | %     | 1  |

### Batch Information

Analytical Batch: **XLC3480**

Analytical Method: **EPA 537.1**

Instrument: **TQS2**

Analyst: **BM**

Analytical Date/Time: **03/27/2025 20:16**

Dilution: **1**

Prep Batch: **HXX5075**

Prep Method: **EPA 537.1 Prep**

Prep Date/Time: **03/20/2025 14:47**

Prep Initial Wt./Vol.: **250 mL**

Prep Extract Vol: **1 mL**

QC CheckCode: **TQS2-27-03-25A002.d**

### Blank Spike Summary

Blank Spike ID: LCS1 for HBN 170352 [HXX/5075]

Blank Spike Lab ID: 295731

Date Analyzed: 03/27/2025 20:35

QC for Samples: 32500691001

Matrix: Water

### Results by EPA 537.1

#### Blank Spike (ng/L)

| Parameter      | Spike | Result | Rec (%) | CL       |
|----------------|-------|--------|---------|----------|
| NEtFOSAA       | 2     | 1.64   | 82      | 50.0-150 |
| NMeFOSAA       | 2     | 1.66   | 82.9    | 50.0-150 |
| PFBS           | 1.78  | 1.62   | 91.1    | 50.0-150 |
| PFDA           | 2     | 1.68   | 84.2    | 50.0-150 |
| PFDoA          | 2     | 1.51   | 75.3    | 50.0-150 |
| PFHpA          | 2     | 1.78   | 89      | 50.0-150 |
| PFHxA          | 2     | 1.73   | 86.4    | 50.0-150 |
| PFHxS          | 1.82  | 1.68   | 92.3    | 50.0-150 |
| PFNA           | 2     | 1.73   | 86.4    | 50.0-150 |
| PFOA           | 2     | 1.7    | 84.9    | 50.0-150 |
| PFOS           | 1.86  | 1.56   | 83.9    | 50.0-150 |
| PFTreA         | 2     | 1.58   | 78.8    | 50.0-150 |
| PFTriA         | 2     | 1.54   | 77      | 50.0-150 |
| PFuNA          | 2     | 1.52   | 75.9    | 50.0-150 |
| NaDONA         | 1.9   | 1.68   | 88.6    | 50.0-150 |
| 9Cl-PF3ONS     | 1.86  | 1.51   | 81.4    | 50.0-150 |
| 11Cl-PF3OUdS   | 1.88  | 1.34   | 71.3    | 50.0-150 |
| HFPO-DA (GenX) | 2     | 1.86   | 92.9    | 50.0-150 |

#### Surrogates

|              |      |          |
|--------------|------|----------|
| 13C2-PFDA    | 92.8 | 70.0-130 |
| 13C2-PFHxA   | 99.7 | 70.0-130 |
| d5-NEtFOSAA  | 80.1 | 70.0-130 |
| 13C3-HFPO-DA | 101  | 70.0-130 |

### Batch Information

Analytical Batch: **XLC3480**

Analytical Method: **EPA 537.1**

Instrument: **TQS2**

Analyst: **BM**

Prep Batch: **HXX5075**

Prep Method: **EPA 537.1 Prep**

Prep Date/Time: **03/20/2025 14:47**

Spike Init Wt./Vol.: **250 mL** Extract Vol: **1 mL**

Dupe Init Wt./Vol.: Extract Vol:



## CHAIN OF CUSTODY RECORD

COC ID: 21687

PAGE: 1

OF: 1

## ADDRESS

SGS Silver State Analytical  
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100

Las Vegas, NV 89120

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FAX:

Website: www.ssalabs.com

32500691

|   |                      |                                |             |   |                 |                    |
|---|----------------------|--------------------------------|-------------|---|-----------------|--------------------|
| SUB CONTRACTOR: <b>SGS-Wilmington</b>         |                      | COMPANY: <b>SGS-Wilmington</b> |             | SPECIAL INSTRUCTIONS / COMMENTS:  |                 |                    |
| ADDRESS: <b>5500 Business Drive</b>           |                      |                                |             | Please send results to: michael.mitchell@sgs.com; kevin.kauffman@sgs.com;<br>derek.jack@sgs.com. Send invoices Cydnee.McGuire@sgs.com |                 |                    |
| CITY, STATE, ZIP: <b>Wilmington, NC 28405</b> |                      |                                |             |   |                 |                    |
| PHONE: <b>(910) 350-1557</b>                  | FAX:                 | EMAIL:                         |             | ANALYTICAL PARAMETERS   |                 |                    |
| ACCOUNT #:                                    | PO#: <b>25030647</b> | SAMPLER: <b>Client</b>         |             |   |                 |                    |
| ITEM #  | SAMPLE ID            | Client Sample ID               | Bottle Type | MATRIX  | DATE COLLECTED  | NUMBERS<br>CONTACT |
| 1   | 25030647-01A         | EVOLV H2 Bottle                |             | Aqueous   | 03/13/2025 0:00 | 3                  |

|   |       |       |              |       |       |   |
|---|-------|-------|--------------|-------|-------|---|
| Relinquished By:  | Date: | Time: | Received By: | Date: | Time: | REPORT TRANSMITTAL DESIRED:<br><input type="checkbox"/> HARDCOPY (extra cost) <input type="checkbox"/> FAX <input type="checkbox"/> EMAIL <input type="checkbox"/> ONLINE |
| Relinquished By:  | Date: | Time: | Received By: | Date: | Time: |   |
| Relinquished By:  | Date: | Time: | Received By: | Date: | Time: |   |
| TAT: Standard <input type="checkbox"/> RUSH <input type="checkbox"/> Next BD <input type="checkbox"/> 2nd BD <input type="checkbox"/> 3rd BD <input type="checkbox"/> |       |       |              |       |       | FOR LAB USE ONLY  |
| Note: RUSH requests will incur surcharges!  |       |       |              |       |       | Temp of samples <b>5.6°</b> °C Attempt to Cool? <b>yes</b>  |
|   |       |       |              |       |       | Comments:   |

# SGS North America Inc.

## Sample Receipt Checklist (SRC)

Client: **SGS LasVegas**

Work Order No.: **32500691**

- |   |  |
|---|--|
| <p>1. <input checked="" type="checkbox"/> Shipped<br/> <input type="checkbox"/> Hand Delivered</p> <p>2. <input checked="" type="checkbox"/> COC Present on Receipt<br/> <input type="checkbox"/> No COC<br/> <input type="checkbox"/> Additional Transmittal Forms</p> <p>3. <input type="checkbox"/> Custody Tape on Container<br/> <input checked="" type="checkbox"/> No Custody Tape</p> <p>4. <input checked="" type="checkbox"/> Samples Intact<br/> <input type="checkbox"/> Samples Broken / Leaking</p> <p>5. <input checked="" type="checkbox"/> Chilled on Receipt    Actual Temp.(s) in °C: <b>5.6</b><br/> <input type="checkbox"/> Ambient on Receipt<br/> <input type="checkbox"/> Walk-in on Ice; Coming down to temp.<br/> <input checked="" type="checkbox"/> Temperature Blank Present<br/> <input type="checkbox"/> WV samples-proxy not allowed</p> <p>6. <input checked="" type="checkbox"/> Sufficient Sample Submitted<br/> <input type="checkbox"/> Insufficient Sample Submitted</p> <p>7. <input type="checkbox"/> Chlorine absent<br/> <input type="checkbox"/> HNO3 &lt; 2<br/> <input type="checkbox"/> HCL &lt; 2<br/> <input checked="" type="checkbox"/> TRIZMA<br/> <input type="checkbox"/> Additional Preservatives verified (see notes)</p> <p>8. <input checked="" type="checkbox"/> Received Within Holding Time<br/> <input type="checkbox"/> Not Received Within Holding Time</p> <p>9. <input checked="" type="checkbox"/> No Discrepancies Noted<br/> <input type="checkbox"/> Discrepancies Noted<br/> <input type="checkbox"/> NCDENR notified of Discrepancies*</p> <p>10. <input type="checkbox"/> No Headspace present in VOC vials<br/> <input type="checkbox"/> Headspace present in VOC vials &gt;6mm</p> | <p>Notes: <b>FedEx Priority Overnight Express</b><br/> <b>7727 8337 9006</b></p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> |
|---|--|

Comments: \* = Sample bottles not prepped by SGS ILM, Trizma present.

Inspected and Logged in by: **GBR**

Date: **3/18/2025**

32500691

ORIGIN ID: LASA (702) 873-4478  
STEPHEN WEST  
SILVER STATE ANALYTICAL LABORA  
3626 E. SUNSET SUITE 100

SHIP DATE: 17MAR25  
ACTWGT: 10.00 LB  
CAD: 113979271/INET4820

LAS VEGAS, NV 89120  
UNITED STATES US

BILL SENDER

TO **SAMPLE RECEIVING**  
**SGS NORTH AMERICA - WILMINGTON**  
**5500 BUSINESS DR**

**WILMINGTON NC 28405**

(910) 350-1903

REF:

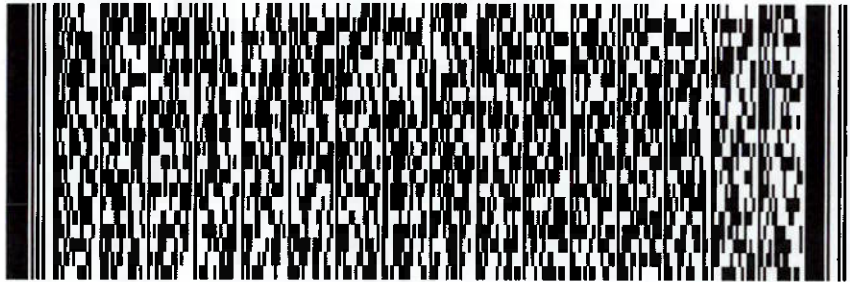
INV:

PO:

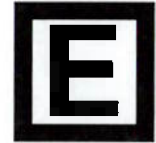
DEPT

3/18/25  
10:02  
5.6°

58CJ36027106C4



**FedEX**  
Express



J251024121701uv

**TUE - 18 MAR 10:30A**  
**PRIORITY OVERNIGHT**

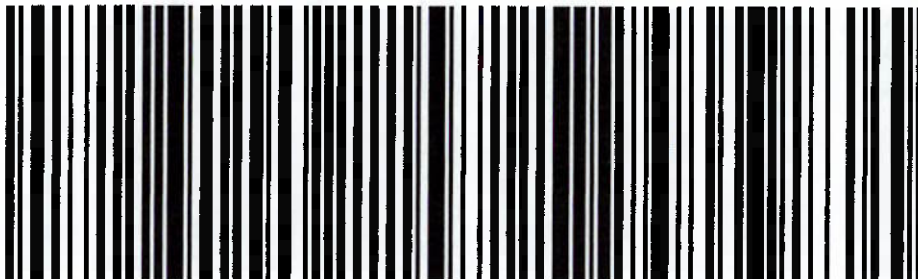
TRK#

0201

**7727 8337 9006**

**XG ILMA**

**28405**  
**NC-US RDU**



After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.






| Report Results To:  |                                    |   |                        |
|---|------------------------------------|---|------------------------|
| Report Attention:   | Randy Sharpe                       | Project Number:   | H2AP-25-0313-1         |
| Company:  | H2 Analytics                       |   |                        |
| Mailing Address:  | 2505 Anthem Village Dr. Suite E385 |   |                        |
| City, State, Zip:   | Henderson, NV 89052                |   |                        |
| Phone:  | 719-499-2973                       | Email / Fax:  | Randy@H2-analytics.com |
| Send Invoice To:  |                                    |   |                        |
| Invoice Attention:  | Randy Sharpe                       | PO#   | Quote #                |
| Company:  | H2 Analytics                       |   |                        |
| Mailing Address:  | 2505 Anthem Village Dr. Suite E385 |   |                        |
| City, State, Zip:   | Henderson, NV 89052                |   |                        |
| Phone:  | 719-499-2973                       | Email / Fax:  | Randy@H2-analytics.com |
| COMPLIANCE MONITORING?  |                                    | NEW ADDRESS?  |                        |
| Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                                 |                                    | Results <input type="checkbox"/> Invoice <input type="checkbox"/> |                        |
| <b>Applicable Program</b>   |                                    |   |                        |
| SDWA <input checked="" type="checkbox"/> CWA <input type="checkbox"/> RCRA <input type="checkbox"/> |                                    |   |                        |
| Mining <input type="checkbox"/> Other <input type="checkbox"/>                                      |                                    |   |                        |
| <b>QC Level Report</b>  |                                    |   |                        |
| (I) II III IV   |                                    |   |                        |

|   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Sampled by: <b>Randy S. Sharpe</b>  |  | Signature:  |  |  |  |  |  |  |  |  |  |  |  |
| I attest to the validity and authenticity of the sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time is considered fraud and may be grounds for legal action. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *****   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>ANALYSES REQUESTED</b>   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NOTE: Surcharge apply to Levels II, III and IV (optional)   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Send Results Via: <input type="checkbox"/> Mail: <input type="checkbox"/> Email: <input checked="" type="checkbox"/> Fax: <input type="checkbox"/>  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|   |   |
|---|---|
| <b>Standard:</b> <input checked="" type="checkbox"/> Standard TAT 7-10 Business Days. Note that some tests vary.<br><br><b>Rush</b><br>Same Day: <input type="checkbox"/> 3 Day: <input type="checkbox"/> Other (Specify): _____<br>1 Day: <input type="checkbox"/> 4 Day: <input type="checkbox"/> Rush results will be issued after 4:00 p.m.<br>2 Day: <input type="checkbox"/> 5 Day: <input type="checkbox"/><br><br><b>NOTE: A Rush Surcharge is applied for rush samples</b> | <b>Other Pertinent Information / Special Instructions</b><br><br><div style="text-align: center; font-weight: bold; font-size: 1.2em;">PFAS</div> |
| Number / Type of Containers<br><br>S 537.1  |   |
| <div> <div> <b>Send Invoice Via:</b><br/>           Mail: <input type="checkbox"/> Email: <input checked="" type="checkbox"/> Fax: <input type="checkbox"/> </div> <div> <b>Field Measurements</b><br/>           On-Site pH: _____ Chlorine: _____<br/><br/>           Temperature: _____ Other: _____         </div> </div>   |   |

[illegible]

| Signature        |   | Print Name      | Company      | Date    | Time    |
|------------------|---|-----------------|--------------|---------|---------|
| Relinquished By: |  | Randy S. Sharpe | H2 Analytics | 3/13/25 | 8:15 PM |
| Received By:     |  | Randy S. Sharpe | H2 Analytics | 3/13/25 | 1516    |
| Relinquished By: |   |                 |              |         |         |
| Received By:     |   |                 |              |         |         |
| Relinquished By: |   |                 |              |         |         |
| Received By:     |   |                 |              |         |         |
| Relinquished By: |   |                 |              |         |         |
| Authorized By:   |  | Randy S. Sharpe | H2 Analytics | 3/13/25 | 3:15 PM |

Samples are discarded 30 days after results are reported unless other arrangements are made and storage fees may apply. The analytical results associated with this COC apply only to these samples as they are received by the laboratory. The liability of the laboratory is limited to the amount paid for the report.

Authorization is required to process samples. This obligates your organization for service fees. SSAL Standard T & Cs or other written agreement applies. If collections or legal services are required to recover said fees, your organization will be responsible for all fees and costs in addition to service fees.

Samples are discarded 30 days after results are reported unless other arrangements are made and storage fees may apply. The analytical results associated with this COC apply only to these samples as they are received by the laboratory. The liability of the laboratory is limited to the amount paid for the report.

Container\*\*\* P-Plastic, G-Glass, V-Voa Vial, OT-Other





SGS Silver State Analytical Laboratories  
3626 E. Sunset Road, Suite 100  
Las Vegas, NV 89120  
(702) 873-4478  
www.ssalabs.com

## Definitions & Qualifiers

WO#: 25030647

Date: 3/31/2025

### Definitions:

LCS: Laboratory Control Sample; prepared by adding a known mass of target analytes to a specified amount of de-ionized water and prepared with the batch of samples, used to calculate Accuracy (%REC).

LCSD: LCS Duplicate; used to calculate both Accuracy (%REC) and Precision (%RPD)

MBLK: Method Blank; a sample of similar matrix that is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedure, and in which no target analytes or interferences are present at concentrations that impact the analytical results for sample analyses.

MS: Matrix Spike; prepared by adding a known mass of target analytes to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available, used to calculate Accuracy (%REC)

MSD: Matrix Spike Duplicate; used to calculate both Accuracy (%REC) and Precision (%RPD)

RPD: Relative Percent Difference; comparison between sample and duplicate and/or MS and MSD.

PQL: Practical Quantitation Limit; the limit to which data is quantitated for reporting.

MDL: Method Detection Limit; the limit to which the instrument can reliably detect.

MCL: Maximum Contaminant Level; value set according to EPA guidelines.

TNTC: Too Numerous to Count; colony density is too thick to be individually counted or greater than method reporting requirements.

### Qualifiers:

\* - Analyte exceeds Safe Drinking Water Act MCL, does not meet drinking water standards.

# - Laboratory not accredited for this analyte.

C - Analyte value below Safe Drinking Water Act MCL, does not meet drinking water standards.

B - Analyte found above the PQL in associated method blank.

G - Calibration blank analyte detected above PQL.

H - Sample analyzed beyond holding time for this parameter.

J - Estimated Value; Analyte found between MDL and PQL limits.

L - Sample concentration is at least 5 times greater than spike contribution. Spike recovery criteria do not apply.

R - RPD between sample and duplicate sample outside the RPD acceptance limits.

S - Batch MS and/or MSD were outside acceptance limits, batch LCS was acceptable.

W - Sample temperature when received was out of limit as specified by method.

Z - Batch LCS and/or LCSD were outside acceptance limits.