



ARIZONA DEPARTMENT
OF HEALTH SERVICES

ENVIRONMENTAL LABORATORY LICENSE

Issued to:

Laboratory Director: **Dr. Lawrence J. Henderson, PhD**

Owner/Representative: **Mr. Ben Miller**

Eurofins EDGE Analytical
AZ0772

is in compliance with Environmental Laboratory's applicable standards for the State of Arizona and maintains on file a List of Parameters for which the laboratory is certified to perform analysis.

PERIOD OF LICENSURE FROM: 12/15/2024 TO: 12/15/2025



Mary Graham

Mary Graham, Chief
Office of Laboratory Licensure & Certification
Bureau of State Laboratory Services

Arizona Department Of Health Services Office of Laboratory Licensure and Certification

250 N.17th Avenue, Phoenix, Arizona 85007-3246

SDW

| Parameter | EPA Method | Certified On |
|---|---------------------|------------------------|
| ALKALINITY | SM 2320B (2011) | 12/14/2022 11:19:30 AM |
| ALUMINUM | EPA 200.7 (4.4) | 12/15/2011 12:00:00 AM |
| ANTIMONY | EPA 200.8 (5.4) | 12/15/2011 12:00:00 AM |
| ARSENIC | EPA 200.8 (5.4) | 12/15/2011 12:00:00 AM |
| BARIUM | EPA 200.7 (4.4) | 12/15/2011 12:00:00 AM |
| BARIUM | EPA 200.8 (5.4) | 12/15/2011 12:00:00 AM |
| BERYLLIUM | EPA 200.8 (5.4) | 12/15/2011 12:00:00 AM |
| BROMATE | EPA 300.1 (1.0) | 12/15/2011 12:00:00 AM |
| BROMIDE | EPA 300.1 (1.0) | 12/15/2011 12:00:00 AM |
| CADMIUM | EPA 200.8 (5.4) | 12/15/2011 12:00:00 AM |
| CALCIUM | EPA 200.7 (4.4) | 12/15/2011 12:00:00 AM |
| CARBAMATES BY HPLC/POST COLUMN | EPA 531.2 (1.0) | 12/15/2011 12:00:00 AM |
| CARBON, TOTAL ORGANIC | SM 5310B (2011) | 12/15/2011 12:00:00 AM |
| CHLORAMINE | SM 4500-CL G (2011) | 12/15/2011 12:00:00 AM |
| CHLORIDE | EPA 300.0 (2.1) | 12/15/2011 12:00:00 AM |
| CHLORINATED ACIDS AND DALAPON BY GC-ECD | EPA 515.4 (1.0) | 12/15/2011 12:00:00 AM |
| CHLORINATED ACIDS AND DALAPON BY GC-ECD ADDITIONAL | EPA 515.4 (1.0) | 12/15/2011 12:00:00 AM |
| CHLORINATED PESTICIDES, HERBICIDES BY GC-ECD | EPA 508.1 (2.0) | 12/15/2011 12:00:00 AM |
| CHLORINATED PESTICIDES, HERBICIDES BY GC-ECD ADDITIONAL | EPA 508.1 (2.0) | 12/15/2011 12:00:00 AM |
| CHLORINE, TOTAL RESIDUAL AND FREE | SM 4500-CL G (2011) | 12/15/2011 12:00:00 AM |
| CHLORITE | EPA 300.1 (1.0) | 12/15/2011 12:00:00 AM |
| CHROMIUM TOTAL | EPA 200.8 (5.4) | 12/15/2011 12:00:00 AM |
| COLOR | SM 2120B (2011) | 12/15/2011 12:00:00 AM |
| COPPER | EPA 200.7 (4.4) | 12/15/2011 12:00:00 AM |
| COPPER | EPA 200.8 (5.4) | 12/15/2011 12:00:00 AM |
| CORROSIVITY | SM 2330B (2010) | 12/14/2022 11:19:30 AM |
| CYANIDE, AVAILABLE/AMENABLE | OIA-1677 DW | 10/9/2013 12:00:00 AM |

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| Parameter | EPA Method | Certified On |
|---|----------------------------|------------------------|
| DETERMINATION OF PER - AND PFAS (ESPE / LCMS) | EPA 533 | 12/15/2023 3:54:11 PM |
| DETERMINATION OF SELECTED PERFLUORINATED ALKYL ACIDS (LC/MS/MS) | EPA 537.1 rv.2.0 | 12/15/2023 3:54:11 PM |
| DIQUAT | EPA 549.2 (1.0) | 12/15/2011 12:00:00 AM |
| EDB/DBCP | EPA 504.1 (1.1) | 12/15/2011 12:00:00 AM |
| EDB/DBCP - ADDITIONAL | EPA 504.1 (1.1) | 12/15/2011 12:00:00 AM |
| ENDOTHALL | EPA 548.1 (1.0) | 12/15/2011 12:00:00 AM |
| FLUORIDE | EPA 300.0 (2.1) | 12/15/2011 12:00:00 AM |
| GLYPHOSATE | EPA 547 (7/90) | 12/15/2011 12:00:00 AM |
| HALOACETIC ACIDS & DALAPON | EPA 552.3 (1.0) | 12/15/2011 12:00:00 AM |
| HARDNESS | EPA 200.7 (4.4), CA AND MG | 12/15/2011 12:00:00 AM |
| HYDROGEN ION (pH) | EPA 150.1 | 12/15/2011 12:00:00 AM |
| HYDROGEN ION (pH) | SM 4500-H B (2011) | 12/15/2011 12:00:00 AM |
| IRON | EPA 200.7 (4.4) | 12/15/2011 12:00:00 AM |
| LEAD | EPA 200.8 (5.4) | 12/15/2011 12:00:00 AM |
| MAGNESIUM | EPA 200.7 (4.4) | 12/15/2011 12:00:00 AM |
| MANGANESE | EPA 200.7 (4.4) | 12/15/2011 12:00:00 AM |
| MANGANESE | EPA 200.8 (5.4) | 12/15/2011 12:00:00 AM |
| MERCURY | EPA 245.1 (3.0) | 12/15/2011 12:00:00 AM |
| MERCURY | EPA 200.8 (5.4) | 10/24/2017 3:43:02 PM |
| NICKEL | EPA 200.8 (5.4) | 12/15/2011 12:00:00 AM |
| NITRATE | EPA 300.0 (2.1) | 12/15/2011 12:00:00 AM |
| NITRATE | SM 4500-NO3 F (2011) | 12/15/2011 12:00:00 AM |
| NITRITE | SM 4500-NO2 F (2011) | 12/15/2011 12:00:00 AM |
| NITRITE | EPA 300.0 (2.1) | 12/15/2011 12:00:00 AM |
| ODOR | SM 2150B (2011) | 12/15/2011 12:00:00 AM |
| ORGANICS BY GC/MS | EPA 525.2 (2.0) | 12/15/2011 12:00:00 AM |
| ORGANICS BY GC/MS - ADDITIONAL | EPA 525.2 (2.0) | 12/15/2011 12:00:00 AM |
| PARAQUAT | EPA 549.2 (1.0) | 12/15/2011 12:00:00 AM |
| RESIDUE, FILTERABLE (TDS) | SM 2540 C (2011) | 12/15/2011 12:00:00 AM |
| SELENIUM | EPA 200.8 (5.4) | 12/15/2011 12:00:00 AM |

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| Parameter | EPA Method | Certified On |
|-------------------------------------|-----------------|------------------------|
| SILVER | EPA 200.8 (5.4) | 12/15/2011 12:00:00 AM |
| SODIUM | EPA 200.7 (4.4) | 12/15/2011 12:00:00 AM |
| SPECIFIC CONDUCTANCE | SM 2510B(2011) | 12/15/2011 12:00:00 AM |
| STRONTIUM | EPA 200.7 (4.4) | 12/15/2011 12:00:00 AM |
| SULFATE | EPA 300.0(2.1) | 12/15/2011 12:00:00 AM |
| THALLIUM | EPA 200.8 (5.4) | 12/15/2011 12:00:00 AM |
| TOTAL RECOVERABLE LOW LVL PHENOLICS | EPA 420.4 MOD | 11/22/2024 3:52:44 PM |
| TURBIDITY, NEPHELOMETRIC (NTU) | EPA 180.1 (2.0) | 12/15/2011 12:00:00 AM |
| URANIUM | EPA 200.8 (5.4) | 12/15/2011 12:00:00 AM |
| VOCS BY GC/MS | EPA 524.2 (4.1) | 12/15/2011 12:00:00 AM |
| VOCS BY GC/MS-ADDITIONAL | EPA 524.2 (4.1) | 12/15/2011 12:00:00 AM |
| ZINC | EPA 200.7 (4.4) | 12/15/2011 12:00:00 AM |
| ZINC | EPA 200.8 (5.4) | 12/15/2011 12:00:00 AM |

Total Count: 70

Instrument

| Instrument | Instrument Code | Quantity | Certified On |
|---|-----------------|----------|------------------------|
| INDUCTIVELY COUPLED PLASMA/MASS SPECTROMETER | ICP/MS | 3 | 11/27/2023 2:31:54 PM |
| HIGH PERFORMANCE LIQUID CHROMATOGRAPH | HPLC | 2 | 10/19/2020 9:39:19 AM |
| INDUCTIVELY COUPLED PLASMA SPECTROMETER | ICP | 2 | 11/27/2023 2:31:54 PM |
| GAS CHROMATOGRAPH/MASS SPECTROMETER | GC/MS | 6 | 11/27/2023 2:31:54 PM |
| GAS CHROMATOGRAPH | GC | 5 | 10/19/2020 9:39:19 AM |
| AUTOMATED AUTOANALYZER | AUTOANALYZER | 3 | 10/19/2020 9:39:19 AM |
| ION CHROMATOGRAPH | IC | 3 | 10/19/2020 9:39:19 AM |
| MERCURY ANALYZER | MA | 1 | 10/13/2011 12:00:00 AM |
| HIGH PERFORMANCE LIQUID CHROMATOGRAPH/MASS SPEC | HPLC/MS | 1 | 10/6/2021 1:52:22 PM |
| INDUCTIVELY COUPLED PLASMA SPECTROMETER | ICP | 2 | 2/2/2024 2:41:38 PM |

Total Count: 10

Software

| Software Code | Certified On |
|---------------------------------|------------------------|
| ENVIROQUANT/CHEMSTATION - GC | 10/13/2011 12:00:00 AM |
| ENVIROQUANT/CHEMSTATION - GC/MS | 10/13/2011 12:00:00 AM |
| CHEMSTATION - HPLC | 10/13/2011 12:00:00 AM |
| OTHER - HPLC | 10/13/2011 12:00:00 AM |
| PERKIN ELMER - ICP | 10/13/2011 12:00:00 AM |
| PERKIN ELMER - ICP/MS | 10/13/2011 12:00:00 AM |
| CHROMELEON (DIONEX) - IC | 10/13/2011 12:00:00 AM |
| OMNIONIC (LACHAT) - IC | 10/13/2011 12:00:00 AM |
| CETAC-MERCURY ANALYZER | 10/13/2011 12:00:00 AM |
| PERKIN ELMER - ICP/MS | 5/13/2016 11:18:31 AM |
| METROHM - IC | 10/24/2017 3:43:02 PM |
| METROHM - IC | 10/24/2017 3:43:02 PM |
| OTHER - AUTOMATED AUTOANALYZER | 10/24/2017 3:43:02 PM |
| OTHER - ICP | 2/2/2024 2:41:38 PM |
| AGILENT MASS HUNTER - HPLC/MS | 10/13/2021 9:24:12 AM |
| OTHER - ICP | 2/2/2024 2:41:38 PM |

Total Count: 16