



ARIZONA DEPARTMENT  
OF HEALTH SERVICES

## ENVIRONMENTAL LABORATORY LICENSE

Issued to:

Laboratory Director: Lawrence J. Henderson, PhD

Owner/Representative: Mr. Patrick D. Miller

*EDGE Analytical, Inc*  
*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: 12/15/2023 TO: 12/15/2024**



A handwritten signature in black ink, appearing to read "S. Baker".

Steven D. Baker, 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

## SDW

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	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

**SDW**

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
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: 69

**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

Total Count: 9

**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

**Software**

Software Code	Certified On
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
AGILENT MASS HUNTER - HPLC/MS	10/13/2021 9:24:12 AM

Total Count: 14