



ARIZONA DEPARTMENT  
OF HEALTH SERVICES

## ENVIRONMENTAL LABORATORY LICENSE

**Issued to:**

Laboratory Director: Matthew Hartz  
Owner/Representative: Matthew Hartz

*Eurofins Eaton Analytical, LLC*  
**AZ0432**

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: 07/26/2018 TO: 07/26/2019**



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
1, 4-DIOXANE BY GC/MS	EPA 522	8/25/2014 12:00:00 AM
1-BUTANOL, 1,4-DIOXANE, 2-METHOXYETHANOL AND 2-PROPEN-1-OL (SPE-GC/MS)	EPA 541	3/21/2019 4:12:34 PM
ACID EXTRACTABLE METALS	SM 3030C (2004)	5/17/2007 12:00:00 AM
ALKALINITY	SM 2320B (2011)	11/6/1995 12:00:00 AM
ALUMINUM	EPA 200.8 (5.4)	9/30/1996 12:00:00 AM
ANTIMONY	EPA 200.8 (5.4)	6/23/1994 12:00:00 AM
ARSENIC	EPA 200.8 (5.4)	11/1/1995 12:00:00 AM
BARIUM	EPA 200.8 (5.4)	11/1/1995 12:00:00 AM
BERYLLIUM	EPA 200.8 (5.4)	6/23/1994 12:00:00 AM
BROMATE	EPA 300.1 (1.0)	6/8/2001 12:00:00 AM
BROMATE	EPA 317.0 (2.0)	5/16/2008 12:00:00 AM
BROMIDE	EPA 300.0 (2.1)	6/8/2001 12:00:00 AM
CADMIUM	EPA 200.8 (5.4)	11/1/1995 12:00:00 AM
CALCIUM	EPA 200.7 (4.4)	6/8/2001 12:00:00 AM
CARBAMATES BY HPLC/POST COLUMN	EPA 531.2 (1.0)	6/8/2011 12:00:00 AM
CARBAMATES BY HPLC/POST COLUMN - ADDITIONAL	EPA 531.2 (1.0)	6/8/2011 12:00:00 AM
CARBON, DISSOLVED ORGANIC	SM 5310C (2011)	10/24/2007 12:00:00 AM
CARBON, TOTAL ORGANIC	SM 5310C (2011)	6/2/1999 12:00:00 AM
CHLORAMINE	SM 4500-CL F (2011)	6/30/2006 12:00:00 AM
CHLORATE	EPA 300.1 (1.0)	9/19/2012 12:00:00 AM
CHLORIDE	EPA 300.0 (2.1)	6/23/1994 12:00:00 AM
CHLORINATED ACIDS AND DALAPON BY GC/ECD	EPA 515.3 (1.0)	5/17/2007 12:00:00 AM
CHLORINATED ACIDS AND DALAPON BY GC/ECD - ADDITIONAL	EPA 515.3 (1.0)	6/19/2001 12:00:00 AM
CHLORINE, TOTAL RESIDUAL AND FREE	SM 4500-CL G (2011)	7/19/1993 12:00:00 AM
CHLORITE	EPA 300.0 (2.1)	9/26/2016 9:14:27 AM
CHROMIUM TOTAL	EPA 200.8 (5.4)	11/1/1995 12:00:00 AM
CHROMIUM, HEXAVALENT BY IC	EPA 218.7 (1.0)	9/19/2012 12:00:00 AM

## SDW

Parameter	EPA Method	Certified On
COBALT	EPA 200.8 (5.4)	9/19/2012 12:00:00 AM
COLOR	SM 2120B (2011)	11/1/1995 12:00:00 AM
COPPER	EPA 200.8 (5.4)	6/23/1994 12:00:00 AM
CORROSIVITY	SM 2330B (2010)	11/1/1995 12:00:00 AM
CYANIDE	EPA 335.4 (1.0)	7/16/1996 12:00:00 AM
CYLINDROSPERMOPSIN AND ANATOXIN-A (LC/ESI-MS/MS)	EPA 545	3/21/2019 4:12:35 PM
DETERMINATION OF SELECT SEMIVOLATILE ORGANIC CHEMICALS IN DRINKING WATER BY SPE / GC-MS	EPA 530	3/21/2019 4:12:34 PM
DETERMINATION OF SELECTED PERFLUORINATED ALKYL ACIDS (LC/MS/MS)	EPA 537	9/19/2012 12:00:00 AM
DETERMINATION OF SEMIVOLATILE ORGANIC CHEMICALS IN DRINKING WATER BY SPE / CAPILLARY COLUMN / GC-MS	EPA 525.3	3/21/2019 4:12:33 PM
DIQUAT	EPA 549.2 (1.0)	6/8/2001 12:00:00 AM
EDB/DBCP	EPA 504.1 (1.1)	6/2/1999 12:00:00 AM
ENDOTHALL	EPA 548.1 (1.0)	11/7/1995 12:00:00 AM
FLUORIDE	SM 4500-F C (2011)	5/16/2008 12:00:00 AM
FLUORIDE	EPA 300.0 (2.1)	5/17/2007 12:00:00 AM
GERMANIUM (ICP/MS)	EPA 200.8 (REV 5.4)	3/21/2019 4:12:32 PM
GIARDIA AND CRYPTOSPORIDIUM	EPA 1623	5/17/2007 12:00:00 AM
GLYPHOSATE	EPA 547 (7/90)	7/19/1993 12:00:00 AM
HALOACETIC ACIDS AND DALAPON BY GC-ECD	EPA 552.2 (1.0)	6/2/1999 12:00:00 AM
HALOACETIC ACIDS AND DALAPON BY GC-ECD	EPA 552.3	5/30/2017 2:21:37 PM
HALOACETIC ACIDS-BY ADDITIONAL	EPA 552.2	5/17/2007 12:00:00 AM
HARDNESS	SM 2340 B (2011), CA AND MG	7/19/1996 12:00:00 AM
HYDROGEN ION (pH)	EPA 150.1	7/19/1993 12:00:00 AM
IRON	EPA 200.7 (4.4)	6/8/2001 12:00:00 AM
LEAD	EPA 200.8 (5.4)	6/23/1994 12:00:00 AM
MAGNESIUM	EPA 200.7 (4.4)	6/8/2001 12:00:00 AM
MANGANESE	EPA 200.8 (5.4)	6/23/1994 12:00:00 AM
MERCURY	EPA 245.1 (3.0)	6/8/2001 12:00:00 AM

## SDW

Parameter	EPA Method	Certified On
MICROCYSTINS AND NODULARIN (SPE AND LC/MS/MS)	EPA 544	3/21/2019 4:12:35 PM
MOLYBDENUM	EPA 200.8 (5.4)	9/19/2012 12:00:00 AM
NICKEL	EPA 200.8 (5.4)	6/23/1994 12:00:00 AM
NITRATE	EPA 353.2 (2.0)	6/23/1994 12:00:00 AM
NITRATE	EPA 300.0 (2.1)	6/23/1994 12:00:00 AM
NITRITE	EPA 353.2 (2.0)	9/15/1994 12:00:00 AM
ORGANICS BY GC/MS	EPA 525.2 (2.0)	4/10/1993 12:00:00 AM
ORGANICS BY GC/MS - ADDITIONAL	EPA 525.2 (2.0)	1/15/2003 12:00:00 AM
ORTHOPHOSPHATE	SM 4500-P E (2011)	6/2/1999 12:00:00 AM
PARAQUAT	EPA 549.2 (1.0)	5/17/2007 12:00:00 AM
PERCHLORATE	EPA 331.0	5/23/2007 12:00:00 AM
PESTICIDES AND PCBS BY GC	EPA 505 (2.1)	7/19/1993 12:00:00 AM
RESIDUE, FILTERABLE (TDS)	SM 2540 C (2011)	7/19/1993 12:00:00 AM
SELENIUM	EPA 200.8 (5.4)	11/1/1995 12:00:00 AM
SILICA	EPA 200.7 (4.4)	6/4/2002 12:00:00 AM
SILVER	EPA 200.8 (5.4)	9/15/1994 12:00:00 AM
SODIUM	EPA 200.7 (4.4)	6/8/2001 12:00:00 AM
SPECIFIC CONDUCTANCE	SM 2510B(2011)	11/1/1995 12:00:00 AM
STRONTIUM	EPA 200.8 (5.4)	9/19/2012 12:00:00 AM
SULFATE	EPA 300.0(2.1)	6/23/1994 12:00:00 AM
TEMPERATURE, DEGREE CELSIUS	SM 2550 (2010)	5/29/1998 12:00:00 AM
THALLIUM	EPA 200.8 (5.4)	6/23/1994 12:00:00 AM
TOTAL MICROCYSTINS AND NODULARINS (AELIA)	EPA 546	3/21/2019 4:12:33 PM
TURBIDITY, NEPHELOMETRIC (NTU)	EPA 180.1 (2.0)	7/19/1993 12:00:00 AM
URANIUM	EPA 200.8 (5.4)	9/27/2004 12:00:00 AM
UV - ABSORPTION AT 254 NM	SM 5910B (2011)	6/2/1999 12:00:00 AM
VANADIUM	EPA 200.8 (5.4)	9/19/2012 12:00:00 AM
VOCS BY GC/MS	EPA 524.2 (4.1)	1/15/2003 12:00:00 AM
VOCS BY GC/MS	EPA 524.3 (1.0)	9/19/2012 12:00:00 AM
VOCS BY GC/MS-ADDITIONAL	EPA 524.2 (4.1)	5/17/2007 12:00:00 AM

**SDW**

Parameter	EPA Method	Certified On
VOCS BY GC/MS-ADDITIONAL	EPA 524.3 (1.0)	9/19/2012 12:00:00 AM
ZINC	EPA 200.8 (5.4)	11/7/1995 12:00:00 AM
		Total Count: 86

**Instrument**

Instrument	Instrument Code	Quantity	Certified On
ION CHROMATOGRAPH	IC	4	5/19/2017 9:53:50 AM
HIGH PERFORMANCE LIQUID CHROMATOGRAPH/MASS SPEC	HPLC/MS	4	5/19/2017 9:53:50 AM
GAS CHROMATOGRAPH/MASS SPECTROMETER	GC/MS	10	5/19/2017 9:53:50 AM
GAS CHROMATOGRAPH	GC	8	7/27/2016 2:46:39 PM
AUTOMATED AUTOANALYZER	AUTOANALYZER	2	7/27/2016 2:46:39 PM
INDUCTIVELY COUPLED PLASMA SPECTROMETER	ICP	1	6/8/2001 12:00:00 AM
MERCURY ANALYZER	MA	1	6/8/2001 12:00:00 AM
HIGH PERFORMANCE LIQUID CHROMATOGRAPH	HPLC	3	6/2/2011 12:00:00 AM
INDUCTIVELY COUPLED PLASMA/MASS SPECTROMETER	ICP/MS	2	5/29/2014 12:00:00 AM
			Total Count: 9

**Software**

Software Code	Certified On
VARIAN STAR - GC	9/18/2001 12:00:00 AM
VARIAN STAR - HPLC	9/18/2001 12:00:00 AM
AGILENT MASS HUNTER - ICP/MS	5/17/2007 12:00:00 AM
VARIAN SATURN - GC/MS	5/17/2007 12:00:00 AM
LACHAT OMNION - FIA	5/17/2007 12:00:00 AM
PC TITRATE	5/17/2007 12:00:00 AM
LEEMAN HYDRA - MA	6/8/2011 12:00:00 AM
CHROMELEON (DIONEX) - IC	6/8/2011 12:00:00 AM
WATER MASS LYNX - HPLC/MS	6/8/2011 12:00:00 AM
OTHER - GC	9/2/2016 2:11:40 PM
ENVIROQUANT/CHEMSTATION - GC/MS	9/2/2016 2:11:40 PM
OMNION (LACHAT) - AUTO ANALYZER	9/2/2016 2:11:40 PM

**Software**

Software Code	Certified On
WATERS - HPLC	9/2/2016 2:11:40 PM
OTHER - HPLC/MS	9/2/2016 2:11:40 PM
AGILENT - ICP	9/2/2016 2:11:40 PM
Water Mass/Lynx	5/30/2017 2:21:37 PM

Total Count: 16