



ARIZONA DEPARTMENT
OF HEALTH SERVICES

ENVIRONMENTAL LABORATORY LICENSE

Issued to:

Laboratory Director:

Christine MacMillan

Owner/Representative:

Christine MacMillan

National Testing Laboratories, LTD.

AZ0651

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: 01/15/2018 TO: 01/15/2019



Steven D. Baker, Chief
Office of Laboratory Licensure & Certification
Bureau of State Laboratory Services

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

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)	1/15/2004 12:00:00 AM
ALUMINUM	EPA 200.7 (4.4)	1/15/2004 12:00:00 AM
ANTIMONY	EPA 200.8 (5.4)	1/15/2004 12:00:00 AM
ARSENIC	EPA 200.8 (5.4)	1/15/2004 12:00:00 AM
ARSENIC	SM 3113B (2010)	1/15/2004 12:00:00 AM
BARIUM	EPA 200.7 (4.4)	1/15/2004 12:00:00 AM
BARIUM	EPA 200.8 (5.4)	1/15/2004 12:00:00 AM
BERYLLIUM	EPA 200.7 (4.4)	1/15/2004 12:00:00 AM
BERYLLIUM	EPA 200.8 (5.4)	1/15/2004 12:00:00 AM
BROMATE	EPA 300.1 (1.0)	1/15/2004 12:00:00 AM
BROMATE	EPA 326 (1.0)	12/13/2013 12:00:00 AM
BROMIDE	EPA 300.1 (1.0)	1/15/2004 12:00:00 AM
BROMIDE	EPA 300.0 (2.1)	1/15/2004 12:00:00 AM
CADMIUM	EPA 200.7 (4.4)	1/15/2004 12:00:00 AM
CADMIUM	EPA 200.8 (5.4)	1/15/2004 12:00:00 AM
CALCIUM	EPA 200.7 (4.4)	1/15/2004 12:00:00 AM
CARBAMATES BY HPLC/POST COLUMN	EPA 531.2 (1.0)	1/22/2009 12:00:00 AM
CARBAMATES BY HPLC/POST COLUMN - ADDITIONAL	EPA 531.2 (1.0)	1/22/2009 12:00:00 AM
CARBON, TOTAL ORGANIC	SM 5310C (2011)	8/4/2010 12:00:00 AM
CHLORAMINE	SM 4500-CL G (2011)	7/28/2004 12:00:00 AM
CHLORIDE	EPA 300.0 (2.1)	1/15/2004 12:00:00 AM
CHLORINATED ACIDS AND DALAPON BY GC-ECD	EPA 515.4 (1.0)	12/13/2013 12:00:00 AM
CHLORINATED ACIDS AND DALAPON BY GC-ECD ADDITIONAL	EPA 515.4 (1.0)	12/13/2013 12:00:00 AM
CHLORINE, TOTAL RESIDUAL AND FREE	SM 4500-CL G (2011)	7/28/2004 12:00:00 AM
CHLORITE	EPA 300.1 (1.0)	1/26/2017 4:17:14 PM
CHROMIUM TOTAL	EPA 200.8 (5.4)	1/15/2004 12:00:00 AM
CHROMIUM TOTAL	EPA 200.7 (4.4)	8/4/2010 12:00:00 AM

SDW

Parameter	EPA Method	Certified On
COLIFORMS, TOTAL AND E.COLI, BY COLILERT (ONPG-MUG)	SM 9223B (2004) AND IDEXX	1/15/2004 12:00:00 AM
COLOR	SM 2120B (2011)	1/15/2004 12:00:00 AM
COPPER	EPA 200.7 (4.4)	1/15/2004 12:00:00 AM
COPPER	EPA 200.8 (5.4)	1/15/2004 12:00:00 AM
CORROSIVITY	SM 2330B (2010)	1/15/2004 12:00:00 AM
DIQUAT	EPA 549.2 (1.0)	1/22/2009 12:00:00 AM
EDB/DBCP	EPA 504.1 (1.1)	1/15/2004 12:00:00 AM
EDB/DBCP - ADDITIONAL	EPA 504.1 (1.1)	1/15/2004 12:00:00 AM
ENDOTHALL	EPA 548.1 (1.0)	1/12/2011 12:00:00 AM
FLUORIDE	EPA 300.0 (2.1)	1/15/2004 12:00:00 AM
GLYPHOSATE	EPA 547 (7/90)	1/22/2009 12:00:00 AM
HALOACETIC ACIDS AND DALAPON BY GC-ECD	EPA 552.2 (1.0)	4/18/2007 12:00:00 AM
HALOACETIC ACIDS AND DALAPON BY GC-ECD - ADDITIONAL	EPA 552.2 (1.0)	1/15/2004 12:00:00 AM
HARDNESS	SM 2340 B (2011), CA AND MG	1/15/2004 12:00:00 AM
HARDNESS	SM 2340C (2011)	7/28/2004 12:00:00 AM
HETEROTROPHIC PLATE COUNT	SM 9215B (2004)	1/15/2004 12:00:00 AM
HYDROGEN ION (pH)	EPA 150.1	1/15/2004 12:00:00 AM
IRON	EPA 200.7 (4.4)	1/15/2004 12:00:00 AM
LEAD	SM 3113B (2010)	1/15/2004 12:00:00 AM
LEAD	EPA 200.8 (5.4)	1/15/2004 12:00:00 AM
MAGNESIUM	EPA 200.7 (4.4)	2/2/2009 12:00:00 AM
MANGANESE	EPA 200.7 (4.4)	1/15/2004 12:00:00 AM
MANGANESE	EPA 200.8 (5.4)	1/15/2004 12:00:00 AM
MERCURY	EPA 200.8 (5.4)	1/15/2004 12:00:00 AM
NICKEL	EPA 200.8 (5.4)	1/15/2004 12:00:00 AM
NICKEL	EPA 200.7 (4.4)	8/4/2010 12:00:00 AM
NITRATE	EPA 300.0 (2.1)	1/15/2004 12:00:00 AM
NITRIC ACID	SM 3030E (2004)	12/2/2008 12:00:00 AM
NITRIC ACID/HYDROCHLORIC ACID	SM 3030F (2004)	12/2/2008 12:00:00 AM
NITRITE	EPA 300.0 (2.1)	1/15/2004 12:00:00 AM

SDW

Parameter	EPA Method	Certified On
ODOR	SM 2150B (2011)	1/15/2004 12:00:00 AM
ORGANICS BY GC/MS	EPA 525.2 (2.0)	8/4/2010 12:00:00 AM
ORGANICS BY GC/MS - ADDITIONAL	EPA 525.2 (2.0)	8/4/2010 12:00:00 AM
ORTHOPHOSPHATE	EPA 300.0 (2.1)	1/15/2004 12:00:00 AM
PESTICIDES AND PCBS BY GC	EPA 505 (2.1)	1/15/2004 12:00:00 AM
PESTICIDES AND PCBS BY GC - ADDITIONAL	EPA 505 (2.1)	12/2/2008 12:00:00 AM
RESIDUE, FILTERABLE (TDS)	SM 2540 C (2011)	1/15/2004 12:00:00 AM
SELENIUM	EPA 200.8 (5.4)	1/15/2004 12:00:00 AM
SELENIUM	SM 3113B (2010)	1/15/2004 12:00:00 AM
SILICA	EPA 200.7 (4.4)	11/14/2008 12:00:00 AM
SILVER	EPA 200.7 (4.4)	1/15/2004 12:00:00 AM
SILVER	EPA 200.8 (5.4)	1/15/2004 12:00:00 AM
SODIUM	EPA 200.7 (4.4)	1/15/2004 12:00:00 AM
SPECIFIC CONDUCTANCE	SM 2510B(2011)	1/15/2004 12:00:00 AM
STRONTIUM	EPA 200.7 (4.4)	9/2/2016 9:32:40 AM
SULFATE	EPA 300.0(2.1)	1/15/2004 12:00:00 AM
SURFACTANT (MBAS)	SM 5540C	1/15/2004 12:00:00 AM
THALLIUM	EPA 200.8 (5.4)	1/15/2004 12:00:00 AM
TURBIDITY, NEPHELOMETRIC (NTU)	SM 2130B (2011)	1/15/2004 12:00:00 AM
URANIUM	EPA 200.8 (5.4)	11/2/2009 12:00:00 AM
VOCS BY GC/MS	EPA 524.2 (4.1)	1/15/2004 12:00:00 AM
VOCS BY GC/MS-ADDITIONAL	EPA 524.2 (4.1)	12/2/2008 12:00:00 AM
ZINC	EPA 200.7 (4.4)	1/15/2004 12:00:00 AM
ZINC	EPA 200.8 (5.4)	1/15/2004 12:00:00 AM

Total Count: 81

WW

Parameter	EPA Method	Certified On
BORON	EPA 200.7 (4.4)	1/15/2004 12:00:00 AM
MOLYBDENUM	EPA 200.8 (5.4)	1/15/2004 12:00:00 AM
POTASSIUM	EPA 200.7 (4.4)	1/15/2004 12:00:00 AM
RESIDUE NONFILTERABLE (TSS)	SM 2540D (2011)	5/23/2017 12:17:33 PM

WW

Parameter	EPA Method	Certified On
		Total Count: 4

Instrument

Instrument	Instrument Code	Quantity	Certified On
ATOMIC ABSORPTION SPECTROPHOTOMETER	AA	1	10/23/2017 2:06:28 PM
HIGH PERFORMANCE LIQUID CHROMATOGRAPH	HPLC	1	11/28/2016 4:29:05 PM
ATOMIC ABSORPTION SPECTROPHOTOMETER	AA	1	11/28/2016 4:29:05 PM
GAS CHROMATOGRAPH/MASS SPECTROMETER	GC/MS	3	11/28/2016 4:29:05 PM
ION CHROMATOGRAPH	IC	2	11/28/2016 4:29:05 PM
INDUCTIVELY COUPLED PLASMA/MASS SPECTROMETER	ICP/MS	2	11/28/2016 4:29:05 PM
GAS CHROMATOGRAPH	GC	4	11/28/2016 4:29:05 PM
INDUCTIVELY COUPLED PLASMA SPECTROMETER	ICP	1	11/28/2016 4:29:05 PM

Total Count: 8

Software

Software Code	Certified On
PERKIN ELMER - ICP/MS	11/18/2003 12:00:00 AM
VARIAN STAR - GC/MS	11/18/2003 12:00:00 AM
PERKIN ELMER - AA	11/8/2017 2:35:36 PM
OTHER - GC/MS	1/11/2017 9:28:45 AM
OTHER - GC	1/11/2017 9:28:45 AM
CHROMELEON (DIONEX) - IC	1/11/2017 9:28:45 AM
AGILENT - ICP	1/11/2017 9:28:45 AM
VARIAN - ICP/MS	1/11/2017 9:28:45 AM

Total Count: 8