



ENVIRONMENTAL LABORATORY LICENSE

Issued to:

Laboratory Director: Loren Portwood
Owner/Representative: Ms. Diane Anderson

Agriculture & Priority Pollutants Laboratories
AZ0474

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: 05/17/2022 TO: 05/16/2023



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

SW

Parameter	EPA Method	Certified On
ALUMINUM	EPA 6010C	3/9/1999 12:00:00 AM
ALUMINUM	EPA 6020A	5/14/2018 3:48:39 PM
ANTIMONY	EPA 6010C	3/9/1999 12:00:00 AM
ANTIMONY	EPA 6020A	5/14/2018 3:48:40 PM
ANTIMONY	6020B	11/9/2020 3:57:09 PM
ARSENIC	EPA 6010C	3/9/1999 12:00:00 AM
ARSENIC	EPA 6020A	5/14/2018 3:48:40 PM
BARIUM	EPA 6010C	3/9/1999 12:00:00 AM
BARIUM	EPA 6020A	5/14/2018 3:48:40 PM
BERYLLIUM	EPA 6010C	3/9/1999 12:00:00 AM
BERYLLIUM	EPA 6020A	5/14/2018 3:52:41 PM
BORON	EPA 6010C	5/10/2007 12:00:00 AM
CADMIUM	EPA 6010C	3/9/1999 12:00:00 AM
CADMIUM	EPA 6020A	5/14/2018 3:52:42 PM
CALCIUM	EPA 6010C	4/6/2012 12:00:00 AM
CALCIUM	EPA 6020A	5/14/2018 3:52:42 PM
CHROMIUM, TOTAL	EPA 6010C	3/9/1999 12:00:00 AM
CHROMIUM, TOTAL	EPA 6020A	5/14/2018 3:52:43 PM
COBALT	EPA 6010C	3/9/1999 12:00:00 AM
COBALT	EPA 6020A	5/14/2018 3:52:43 PM
COPPER	EPA 6010C	3/9/1999 12:00:00 AM
COPPER	EPA 6020A	5/14/2018 3:52:43 PM
COPPER	6020B	11/9/2020 3:57:10 PM
IRON	EPA 6010C	3/9/1999 12:00:00 AM
IRON	EPA 6020A	5/14/2018 3:52:44 PM
LEAD	EPA 6010C	3/9/1999 12:00:00 AM
LEAD	EPA 6020A	5/14/2018 3:52:44 PM
LEAD	6020B	11/9/2020 3:57:10 PM
MAGNESIUM	EPA 6010C	3/9/1999 12:00:00 AM

SW

Parameter	EPA Method	Certified On
MAGNESIUM	EPA 6020A	5/14/2018 3:52:45 PM
MANGANESE	EPA 6010C	3/9/1999 12:00:00 AM
MANGANESE	EPA 6020A	5/14/2018 3:52:45 PM
MERCURY	EPA 7470A	5/4/1994 12:00:00 AM
MERCURY	EPA 7471B	5/4/1994 12:00:00 AM
MOLYBDENUM	EPA 6010C	3/9/1999 12:00:00 AM
NICKEL	EPA 6010C	3/9/1999 12:00:00 AM
NICKEL	EPA 6020A	5/14/2018 3:54:09 PM
NITROAROMATICS, NITRAMINES & NITRATE ESTERS	EPA 8330B	11/20/2019 3:36:25 PM
PHOSPHORUS	EPA 6010C	5/10/2007 12:00:00 AM
POTASSIUM	EPA 6010C	3/9/1999 12:00:00 AM
POTASSIUM	EPA 6020A	5/14/2018 3:54:10 PM
SEDIMENTS, SLUDGES AND SOILS	EPA 3050B	3/9/1999 12:00:00 AM
SELENIUM	EPA 6010C	3/9/1999 12:00:00 AM
SELENIUM	EPA 6020A	5/14/2018 3:54:10 PM
SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS	8270D/8000D	10/18/2016 1:54:22 PM
SEPARATORY FUNNEL LIQUID-LIQUID EXTRACTION	EPA 3510C	4/26/2018 2:11:10 PM
SILVER	EPA 6010C	3/9/1999 12:00:00 AM
SILVER	EPA 6020A	5/14/2018 3:54:10 PM
SODIUM	EPA 6010C	3/9/1999 12:00:00 AM
SODIUM	EPA 6020A	5/14/2018 3:54:11 PM
SOL-EXT NONVOLATILE COMPOUNDS BY HPLC/TS/MS OR UV	EPA 8321B	5/15/2009 12:00:00 AM
STRONTIUM	EPA 6010C	5/10/2007 12:00:00 AM
THALLIUM	EPA 6010C	3/9/1999 12:00:00 AM
THALLIUM	EPA 6020A	5/14/2018 3:54:50 PM
TIN	EPA 6010C	3/9/1999 12:00:00 AM
TITANIUM	EPA 6010C	4/6/2012 12:00:00 AM
TOTAL METALS	EPA 3010A	3/9/1999 12:00:00 AM
ULTRASONIC EXTRACTION	EPA 3550C	4/26/2018 2:11:10 PM
VANADIUM	EPA 6010C	3/9/1999 12:00:00 AM

SW

Parameter	EPA Method	Certified On
VANADIUM	EPA 6020A	5/14/2018 3:54:51 PM
VOCs by GC/MS, INCLUDING N-HEXANE	EPA 8260C/8000D	1/30/2018 9:54:30 AM
ZINC	EPA 6010C	3/9/1999 12:00:00 AM
ZINC	EPA 6020A	5/14/2018 3:54:51 PM
ZINC	6020B	11/9/2020 3:57:11 PM

Total Count: 64

Instrument

Instrument	Instrument Code	Quantity	Certified On
GAS CHROMATOGRAPH/MASS SPECTROMETER	GC/MS	1	4/27/2018 10:53:36 AM
INDUCTIVELY COUPLED PLASMA SPECTROMETER	ICP	1	5/4/1994 12:00:00 AM
HIGH PERFORMANCE LIQUID CHROMATOGRAPH	HPLC	2	5/8/2007 12:00:00 AM
INDUCTIVELY COUPLED PLASMA/MASS SPECTROMETER	ICP/MS	1	10/4/2018 12:16:50 PM
MERCURY ANALYZER	MA	1	10/4/2018 12:16:51 PM

Total Count: 5

Software

Software Code	Certified On
HP CHEMSTATION-HPLC	5/10/2007 12:00:00 AM
AGILENT - GC/MS	4/27/2018 10:53:37 AM
AGILENT - ICP	3/12/2020 1:38:42 PM
AGILENT MASS HUNTER - ICP/MS	10/4/2018 12:16:51 PM
FIMS - MA	10/4/2018 12:16:51 PM

Total Count: 5