



ARIZONA DEPARTMENT
OF HEALTH SERVICES

ENVIRONMENTAL LABORATORY LICENSE

Issued to:

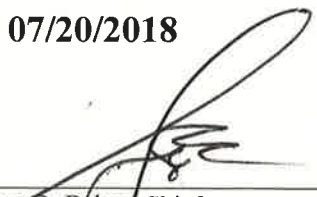
Laboratory Director: John Goyette
Owner/Representative: Nasym Afsari

Enthalpy Analytical, LLC
AZ0478

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: 07/21/2017 TO: 07/20/2018




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
PERCHLORATE	EPA 314.0	5/19/2004 12:00:00 AM

Total Count: 1

SW

Parameter	EPA Method	Certified On
ALUMINUM	EPA 6010C	5/28/1998 12:00:00 AM
ALUMINUM	EPA 6020A	7/24/2017 3:58:23 PM
ANTIMONY	EPA 6010C	5/28/1998 12:00:00 AM
ANTIMONY	EPA 6020A	7/24/2017 3:58:23 PM
ARSENIC	EPA 6010C	5/28/1998 12:00:00 AM
ARSENIC	EPA 6020A	7/24/2017 3:58:23 PM
BARIUM	EPA 6010C	5/28/1998 12:00:00 AM
BARIUM	EPA 6020A	7/24/2017 3:58:23 PM
BERYLLIUM	EPA 6010C	5/28/1998 12:00:00 AM
BERYLLIUM	EPA 6020A	7/24/2017 3:58:23 PM
C10-C32 HYDROCARBONS	8015AZ1	8/7/1998 12:00:00 AM
CADMIUM	EPA 6010C	5/28/1998 12:00:00 AM
CADMIUM	EPA 6020A	7/24/2017 3:58:23 PM
CALCIUM	EPA 6010C	5/28/1998 12:00:00 AM
CALCIUM	EPA 6020A	7/24/2017 3:58:23 PM
CHROMIUM, HEXAVALENT	EPA 7196A	2/6/2004 12:00:00 AM
CHROMIUM, TOTAL	EPA 6010C	5/28/1998 12:00:00 AM
CHROMIUM, TOTAL	EPA 6020A	7/24/2017 3:58:23 PM
COBALT	EPA 6010C	5/28/1998 12:00:00 AM
COBALT	EPA 6020A	7/24/2017 3:58:23 PM
CONTINUOUS LIQUID-LIQUID EXTRACTION	EPA 3520C	5/26/1999 12:00:00 AM
COPPER	EPA 6010C	5/28/1998 12:00:00 AM
COPPER	EPA 6020A	7/24/2017 3:58:23 PM
CYANIDE	EPA 9014	1/29/2008 12:00:00 AM
FLASH POINT BY PENSKEY MARTEMS CUP	EPA 1010A	1/29/2008 12:00:00 AM

SW

Parameter	EPA Method	Certified On
FLASHPOINT DETERMINATION	EPA 1030	1/29/2008 12:00:00 AM
IRON	EPA 6010C	5/28/1998 12:00:00 AM
IRON	EPA 6020A	7/24/2017 3:58:23 PM
LEAD	EPA 6010C	5/28/1998 12:00:00 AM
LEAD	EPA 6020A	7/24/2017 3:58:23 PM
MAGNESIUM	EPA 6010C	5/28/1998 12:00:00 AM
MAGNESIUM	EPA 6020A	7/24/2017 3:58:23 PM
MANGANESE	EPA 6010C	5/28/1998 12:00:00 AM
MANGANESE	EPA 6020A	7/24/2017 3:58:23 PM
MERCURY	EPA 7471B	5/28/1998 12:00:00 AM
MERCURY	EPA 7470A	1/29/2008 12:00:00 AM
MOLYBDENUM	EPA 6010C	5/28/1998 12:00:00 AM
NICKEL	EPA 6010C	5/28/1998 12:00:00 AM
NICKEL	EPA 6020A	7/24/2017 3:58:23 PM
NITROAROMATICS AND NITRAMINES BY HPLC	EPA 8330A	7/3/2006 12:00:00 AM
NONHALOGENATED ORGANICS USING GC/FID	EPA 8015D	12/5/2006 12:00:00 AM
ORGANOCHLORINE PESTICIDES BY GC	EPA 8081B	2/6/2004 12:00:00 AM
PAHS	EPA 8310	5/28/1998 12:00:00 AM
PCBS BY GC	EPA 8082A	2/6/2004 12:00:00 AM
PH (HYDROGEN ION)	EPA 9045D	
POTASSIUM	EPA 6010C	5/28/1998 12:00:00 AM
POTASSIUM	EPA 6020A	7/24/2017 3:58:23 PM
PRESSURIZED FLUID EXTRACTION	EPA 3545A	7/3/2006 12:00:00 AM
SEDIMENTS, SLUDGES AND SOILS	EPA 3050B	6/7/2001 12:00:00 AM
SELENIUM	EPA 6010C	5/28/1998 12:00:00 AM
SELENIUM	EPA 6020A	7/24/2017 3:58:23 PM
SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS	EPA 8270C	5/28/1998 12:00:00 AM
SILICA GEL CLEANUP	EPA 3630C	5/28/1998 12:00:00 AM
SILVER	EPA 6010C	5/28/1998 12:00:00 AM
SILVER	EPA 6020A	7/24/2017 3:58:23 PM

SW

Parameter	EPA Method	Certified On
SODIUM	EPA 6010C	5/28/1998 12:00:00 AM
SODIUM	EPA 6020A	7/24/2017 3:58:23 PM
TCLP	EPA 1311	1/29/2008 12:00:00 AM
THALLIUM	EPA 6010C	5/28/1998 12:00:00 AM
THALLIUM	EPA 6020A	7/24/2017 3:58:23 PM
TIN	EPA 6010C	5/28/1998 12:00:00 AM
TOTAL METALS	EPA 3010A	7/7/2001 12:00:00 AM
ULTRASONIC EXTRACTION	EPA 3550C	5/26/1999 12:00:00 AM
VANADIUM	EPA 6010C	5/28/1998 12:00:00 AM
VANADIUM	EPA 6020A	7/24/2017 3:58:23 PM
ZINC	EPA 6010C	5/28/1998 12:00:00 AM
ZINC	EPA 6020A	7/24/2017 3:58:23 PM

Total Count: 67

WW

Parameter	EPA Method	Certified On
CHLORIDE	EPA 300.0 (2.1)	1/29/2008 12:00:00 AM
FLUORIDE	EPA 300.0 (2.1)	1/29/2008 12:00:00 AM
NITRATE	EPA 300.0 (2.1)	1/29/2008 12:00:00 AM
NITRATE-NITRITE (AS N)	EPA 300.0 (2.1)	1/29/2008 12:00:00 AM
RESIDUE, FILTERABLE	SM 2540C (2011)	1/29/2008 12:00:00 AM
SULFATE	EPA 300.0 (2.1)	1/29/2008 12:00:00 AM

Total Count: 6

Instrument

Instrument	Instrument Code	Quantity	Certified On
HIGH PERFORMANCE LIQUID CHROMATOGRAPH	HPLC	2	1/25/2011 12:00:00 AM
INDUCTIVELY COUPLED PLASMA/MASS SPECTROMETER	ICP/MS	1	6/3/2002 12:00:00 AM
ION CHROMATOGRAPH	IC	1	7/9/2004 12:00:00 AM
INDUCTIVELY COUPLED PLASMA SPECTROMETER	ICP	1	9/18/1997 12:00:00 AM
MERCURY ANALYZER	MA	1	6/12/2000 12:00:00 AM
GAS CHROMATOGRAPH	GC	2	1/21/2011 12:00:00 AM

Instrument

Instrument	Instrument Code	Quantity	Certified On
GAS CHROMATOGRAPH/MASS SPECTROMETER	GC/MS	2	1/12/2010 12:00:00 AM

Total Count: 7

Software

Software Code	Certified On
TARGET - GC/MS	6/3/2002 12:00:00 AM
LEEMAN HYDRA - MA	6/5/2003 12:00:00 AM
PEAKNET - IC	7/9/2004 12:00:00 AM
EZ CHROM - GC	7/3/2006 12:00:00 AM
PERKIN ELMER - ICP	7/3/2006 12:00:00 AM
CHEMSTATION-ICP/MS	7/3/2006 12:00:00 AM

Total Count: 6