



ENVIRONMENTAL LABORATORY LICENSE

Issued to:

Laboratory Director: **Mark Noorani**
Owner/Representative: **Mr. Jordan Laster**

Orange Coast Analytical, Inc.
AZ0646

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: 06/23/2024 TO: 06/23/2025



A handwritten signature in cursive script that reads "Mary Graham".

Mary Graham, 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

AIR

Parameter	EPA Method	Certified On
VOCS IN VAPOR	8260B AZ (VAPOR) (0.0)	4/25/2011 12:00:00 AM
		Total Count: 1

SDW

Parameter	EPA Method	Certified On
EDB/DBCP	EPA 504.1 (1.1)	3/22/2005 12:00:00 AM
		Total Count: 1

SW

Parameter	EPA Method	Certified On
ALUMINIUM	6010D	9/14/2017 2:08:10 PM
ANTIMONY	6010D	9/14/2017 2:08:11 PM
ARSENIC	6010D	9/14/2017 2:08:12 PM
BARIUM	6010D	9/14/2017 2:08:13 PM
BERYLLIUM	6010D	9/14/2017 2:11:28 PM
CADMIUM	6010D	9/14/2017 2:11:29 PM
CALCIUM	6010D	9/14/2017 2:11:30 PM
CHLORIN. HERBS BY GC METHYLATION	EPA 8151A	5/29/2007 12:00:00 AM
CHROMIUM, HEXAVALENT	EPA 7196A	11/13/2019 11:12:44 AM
CHROMIUM, TOTAL	6010D	9/14/2017 2:11:31 PM
CLOSED SYSTEM PURGE AND TRAP EXTRACT. VOCS	EPA 5035A	5/29/2007 12:00:00 AM
COBALT	6010D	9/14/2017 2:14:45 PM
COPPER	6010D	9/14/2017 2:14:46 PM
CORROSIVITY PH DETERMINATION	EPA 9040C	5/6/2024 3:27:17 PM
CYANIDE	EPA 9010C	12/5/2006 12:00:00 AM
CYANIDE	EPA 9014	5/8/2008 12:00:00 AM
FLASH POINT BY PENSKEY MARTEMS CUP	EPA 1010A	6/23/2003 12:00:00 AM
FLORISIL CLEANUP	EPA 3620C	6/23/2003 12:00:00 AM
IRON	6010D	9/14/2017 2:14:47 PM
LEAD	6010D	9/14/2017 2:14:47 PM
LITHIUM	6010D	4/18/2024 8:00:55 AM

SW

Parameter	EPA Method	Certified On
MAGNESIUM	6010D	9/14/2017 2:21:29 PM
MANGANESE	6010D	9/14/2017 2:21:30 PM
MERCURY	EPA 7470A	6/23/2003 12:00:00 AM
MERCURY	EPA 7471B	6/23/2003 12:00:00 AM
MICROWAVE EXTRACTION	EPA 3546	4/18/2024 8:00:55 AM
MOLYBDENUM	6010D	9/14/2017 2:25:26 PM
NICKEL	6010D	9/14/2017 2:25:27 PM
ORGANOCHLORINE PESTICIDES BY GC	EPA 8081B	6/23/2003 12:00:00 AM
PAHS	EPA 8310	6/23/2003 12:00:00 AM
PCBS BY GC	EPA 8082A	6/23/2003 12:00:00 AM
PH (HYDROGEN ION)	EPA 9045D	5/6/2024 3:27:48 PM
POTASSIUM	6010D	9/14/2017 2:25:28 PM
PURGE AND TRAP FOR AQUEOUS SAMPLES	EPA 5030C	5/29/2007 12:00:00 AM
SEDIMENTS, SLUDGES AND SOILS	EPA 3050B	6/23/2003 12:00:00 AM
SELENIUM	6010D	9/14/2017 2:25:29 PM
SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS	EPA 8270C	6/23/2003 12:00:00 AM
SEPARATORY FUNNEL LIQUID-LIQUID EXTRACTION	EPA 3510C	6/23/2003 12:00:00 AM
SILVER	6010D	9/14/2017 2:25:30 PM
SODIUM	6010D	9/14/2017 2:25:30 PM
SPLP	EPA 1312	10/27/2009 12:00:00 AM
TCLP	EPA 1311	6/23/2003 12:00:00 AM
THALLIUM	6010D	9/14/2017 2:25:31 PM
TOTAL METALS	EPA 3010A	6/23/2003 12:00:00 AM
ULTRASONIC EXTRACTION	EPA 3550C	6/23/2003 12:00:00 AM
VANADIUM	6010D	9/14/2017 2:25:32 PM
VOCs by GC/MS, INCLUDING N-HEXANE	EPA 8260B	6/23/2003 12:00:00 AM
ZINC	6010D	9/14/2017 2:25:33 PM

Total Count: 48

WW

Parameter	EPA Method	Certified On
ALKALINITY, TOTAL	SM 2320B (2011)	5/9/2007 12:00:00 AM
ALUMINUM	EPA 200.8 (5.4)	7/17/2009 12:00:00 AM
AMMONIA	EPA 350.1 (2.0)	4/11/2018 10:59:31 AM
ANTIMONY	EPA 200.8 (5.4)	5/29/2007 12:00:00 AM
ARSENIC	EPA 200.8 (5.4)	6/6/2008 12:00:00 AM
BARIUM	EPA 200.8 (5.4)	7/17/2009 12:00:00 AM
BERYLLIUM	EPA 200.8 (5.4)	6/6/2008 12:00:00 AM
BIOCHEMICAL OXYGEN DEMAND/ CARBONACEOUS BIOCHEMICAL OXYGEN DEMAND	SM 5210B (2011)	10/27/2009 12:00:00 AM
BORON	EPA 200.8 (5.4)	7/17/2009 12:00:00 AM
BROMIDE	EPA 300.0 (2.1)	6/23/2003 12:00:00 AM
CADMIUM	EPA 200.8 (5.4)	6/6/2008 12:00:00 AM
CALCIUM	EPA 200.8 (5.4)	7/17/2009 12:00:00 AM
CHEMICAL OXYGEN DEMAND	EPA 410.4 (2.0)	6/23/2003 12:00:00 AM
CHLORIDE	EPA 300.0 (2.1)	6/23/2003 12:00:00 AM
CHROMIUM TOTAL	EPA 200.8 (5.4)	6/23/2003 12:00:00 AM
COBALT	EPA 200.8 (5.4)	7/17/2009 12:00:00 AM
COPPER	EPA 200.8 (5.4)	6/6/2008 12:00:00 AM
CYANIDE AMENABLE TO CHLORINATION	SM 4500-CN G	5/1/2008 12:00:00 AM
CYANIDE, TOTAL	SM 4500-CN BCE (2011)	6/23/2003 12:00:00 AM
FLUORIDE	EPA 300.0 (2.1)	6/23/2003 12:00:00 AM
HARDNESS (SUM CA & MG)	EPA 200.8	7/17/2009 12:00:00 AM
HYDROGEN ION (pH)	SM 4500-H B (2011)	5/6/2024 3:19:21 PM
IRON	EPA 200.8 (5.4)	7/17/2009 12:00:00 AM
KJELDAHL, TOTAL NITROGEN	EPA 351.2 (2.0)	4/11/2018 10:59:31 AM
LEAD	EPA 200.8 (5.4)	6/6/2008 12:00:00 AM
MAGNESIUM	EPA 200.8 (5.4)	7/17/2009 12:00:00 AM
MANGANESE	EPA 200.8 (5.4)	7/17/2009 12:00:00 AM
MERCURY	EPA 245.1 (3.0)	6/23/2003 12:00:00 AM
MOLYBDENUM	EPA 200.8 (5.4)	7/17/2009 12:00:00 AM
NICKEL	EPA 200.8 (5.4)	6/6/2008 12:00:00 AM

WW

Parameter	EPA Method	Certified On
NITRATE	EPA 300.0 (2.1)	6/23/2003 12:00:00 AM
NITRATE-NITRITE (AS N)	EPA 353.2 (2.0)	10/21/2019 2:42:32 PM
NITRITE (AS N)	EPA 300.0 (2.1)	6/23/2003 12:00:00 AM
OIL AND GREASE AND PETROLEUM HYDROCARBONS	EPA 1664 REV B	7/29/2013 12:00:00 AM
ORTHOPHOSPHATE	EPA 300.0 (2.1)	6/23/2003 12:00:00 AM
PHOSPHORUS, TOTAL	SM 4500-P H (2011)	4/17/2020 9:41:30 AM
PHOSPHORUS, TOTAL	EPA 200.7 (4.4)	5/1/2008 12:00:00 AM
POTASSIUM	EPA 200.8 (5.4)	7/17/2009 12:00:00 AM
RESIDUE NONFILTERABLE (TSS)	SM 2540D (2011)	6/23/2003 12:00:00 AM
RESIDUE, FILTERABLE	SM 2540C (2011)	6/23/2003 12:00:00 AM
SELENIUM	EPA 200.8 (5.4)	6/23/2003 12:00:00 AM
SILVER	EPA 200.8 (5.4)	6/6/2008 12:00:00 AM
SODIUM	EPA 200.8 (5.4)	7/17/2009 12:00:00 AM
SULFATE	EPA 300.0 (2.1)	6/23/2003 12:00:00 AM
SULFIDE	SM 4500-S2- D (2011)	6/23/2003 12:00:00 AM
THALLIUM	EPA 200.8 (5.4)	5/29/2007 12:00:00 AM
TITANIUM	EPA 200.8 (5.4)	7/17/2009 12:00:00 AM
TURBIDITY, NTU	EPA 180.1 (2.0)	6/23/2003 12:00:00 AM
VANADIUM	EPA 200.8 (5.4)	7/17/2009 12:00:00 AM
ZINC	EPA 200.8 (5.4)	6/6/2008 12:00:00 AM

Total Count: 50

Instrument

Instrument	Instrument Code	Quantity	Certified On
MERCURY ANALYZER	MA	1	6/23/2003 12:00:00 AM
INDUCTIVELY COUPLED PLASMA/MASS SPECTROMETER	ICP/MS	1	10/27/2009 12:00:00 AM
HIGH PERFORMANCE LIQUID CHROMATOGRAPH	HPLC	1	6/23/2003 12:00:00 AM
ION CHROMATOGRAPH	IC	1	4/30/2014 12:00:00 AM
INDUCTIVELY COUPLED PLASMA SPECTROMETER	ICP	1	6/23/2003 12:00:00 AM
GAS CHROMATOGRAPH/MASS SPECTROMETER	GC/MS	2	6/23/2003 12:00:00 AM

Instrument

Instrument	Instrument Code	Quantity	Certified On
GAS CHROMATOGRAPH	GC	1	5/5/2017 9:50:03 AM
AUTOMATED AUTOANALYZER	AUTOANALYZER	1	3/29/2018 11:31:13 AM

Total Count: 8

Software

Software Code	Certified On
ENVIROQUANT - GCMS	6/23/2003 12:00:00 AM
ENVIROQUANT - GC	6/23/2003 12:00:00 AM
PERKIN ELMER - ICP/MS	10/27/2009 12:00:00 AM
PEAKNET (DIONEX) - IC	10/27/2009 12:00:00 AM
HP CHEMSTATION-HPLC	3/22/2010 12:00:00 AM
OMNION (LACHAT) - AUTO ANALYZER	4/11/2018 10:59:31 AM
ENVIROQUANT/CHEMSTATION - GC	5/5/2017 12:25:00 PM

Total Count: 7



ARIZONA DEPARTMENT
OF HEALTH SERVICES

ENVIRONMENTAL LABORATORY LICENSE

Issued to:

Laboratory Director: **Mark Noorani**
Owner/Representative: **Mr. Jordan Laster**

Orange Coast Analytical, Inc.
AZ0558

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: 01/09/2024 TO: 01/09/2025



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

AIR

Parameter	EPA Method	Certified On
VOCS IN VAPOR	8260B AZ (VAPOR) (0.0)	1/11/2022 4:40:21 PM
		Total Count: 1

SW

Parameter	EPA Method	Certified On
AROMATIC & HALOGENATED VOCS BY GC	EPA 8021B	8/25/2016 4:57:32 PM
C10-C32 HYDROCARBONS	8015AZ1	1/10/2017 2:38:56 PM
CLOSED SYSTEM PURGE AND TRAP EXTRACT. VOCS	EPA 5035A	8/25/2016 4:57:32 PM
CORROSIVITY PH DETERMINATION	EPA 9040C	8/25/2016 4:57:32 PM
NONHALOGENATED ORGANICS USING GC/FID	EPA 8015D	8/25/2016 4:57:32 PM
PAINT FILTER LIQUIDS TEST	EPA 9095B	8/25/2016 4:57:32 PM
PH (HYDROGEN ION)	EPA 9041A	8/25/2016 4:57:32 PM
PH (HYDROGEN ION)	EPA 9045D	8/25/2016 4:57:32 PM
PURGE AND TRAP FOR AQUEOUS SAMPLES	EPA 5030C	8/25/2016 4:57:32 PM
VOCS by GC/MS, INCLUDING N-HEXANE	EPA 8260B	8/25/2016 4:57:32 PM
		Total Count: 10

WW

Parameter	EPA Method	Certified On
HYDROGEN ION (pH)	SM 4500-H B (2011)	8/25/2016 4:57:32 PM
		Total Count: 1

Instrument

Instrument	Instrument Code	Quantity	Certified On
GAS CHROMATOGRAPH/MASS SPECTROMETER	GC/MS	1	10/8/1996 12:00:00 AM
GAS CHROMATOGRAPH	GC	1	12/1/2016 12:40:12 PM
GAS CHROMATOGRAPH	GC	1	11/30/2018 10:11:35 AM
			Total Count: 3

Software

Software Code	Certified On
TURBOCHROM - GC	1/8/2010 12:00:00 AM

Software

Software Code	Certified On
ENVIROQUANT-GC/MS	1/8/2010 12:00:00 AM

Total Count: 2