



Oregon Environmental Laboratory Accreditation Program



NELAP Recognized

Advanced Technology Laboratories

CA300003

3275/3291 Walnut Ave. & 1418 E.33rd St.

Signal Hill, CA 90755

IS GRANTED APPROVAL BY ORELAP UNDER THE 2016 TNi STANDARDS, TO PERFORM ANALYSES ON ENVIRONMENTAL SAMPLES IN MATRICES AS LISTED BELOW :

Air	Drinking Water	Non-Potable Water	Solids and Chemical Waste	Tissue
Chemistry	Chemistry	Chemistry	Chemistry	

AND AS RECORDED IN THE LIST OF APPROVED ANALYTES, METHODS, ANALYTICAL TECHNIQUES, AND FIELDS OF TESTING ISSUED CONCURRENTLY WITH THIS CERTIFICATE AND REVISED AS NECESSARY.

ACCREDITED STATUS DEPENDS ON SUCCESSFUL ONGOING PARTICIPATION IN THE PROGRAM AND CONTINUED COMPLIANCE WITH THE STANDARDS.

CUSTOMERS ARE URGED TO VERIFY THE LABORATORY'S CURRENT ACCREDITATION STATUS IN OREGON.

Travis Bartholomew
Oregon State Public Health Laboratory
ORELAP Program Manager
7202 NE Evergreen Parkway, Suite 100
Hillsboro, OR 97124

EFFECTIVE DATE : 1/30/2021
EXPIRATION DATE : 1/29/2022
Certificate No : CA300003 - 013





OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
Air					
	EPA TO-14A			10248609	Volatile Organic Compounds with SUMMA canister and GC/MS
		5160	1,1,1-Trichloroethane		
		5110	1,1,2,2-Tetrachloroethane		
		5195	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		
		5165	1,1,2-Trichloroethane		
		4630	1,1-Dichloroethane		
		4640	1,1-Dichloroethylene		
		5155	1,2,4-Trichlorobenzene		
		5210	1,2,4-Trimethylbenzene		
		4585	1,2-Dibromoethane (EDB, Ethylene dibromide)		
		4695	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon-114)		
		4610	1,2-Dichlorobenzene		
		4635	1,2-Dichloroethane (Ethylene dichloride)		
		4655	1,2-Dichloropropane		
		5215	1,3,5-Trimethylbenzene		
		4615	1,3-Dichlorobenzene		
		4620	1,4-Dichlorobenzene		
		4375	Benzene		
		4455	Carbon tetrachloride		
		4475	Chlorobenzene		
		4485	Chloroethane (Ethyl chloride)		
		4505	Chloroform		
		4645	cis-1,2-Dichloroethylene		
		4680	cis-1,3-Dichloropropene		



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
	4625		Dichlorodifluoromethane (Freon-12)		
	4765		Ethylbenzene		
	4835		Hexachlorobutadiene		
	5240		m+p-xylene		
	4950		Methyl bromide (Bromomethane)		
	4960		Methyl chloride (Chloromethane)		
	4975		Methylene chloride (Dichloromethane)		
	5250		o-Xylene		
	5100		Styrene		
	5115		Tetrachloroethylene (Perchloroethylene)		
	5140		Toluene		
	4685		trans-1,3-Dichloropropylene		
	5170		Trichloroethene (Trichloroethylene)		
	5175		Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)		
	5235		Vinyl chloride		
	5260		Xylene (total)		
EPA TO-15				10248803	VOCs collected in Canisters by GC/MS
	5105		1,1,1,2-Tetrachloroethane		
	5160		1,1,1-Trichloroethane		
	5110		1,1,2,2-Tetrachloroethane		
	5195		1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		
	5165		1,1,2-Trichloroethane		
	4630		1,1-Dichloroethane		
	4640		1,1-Dichloroethylene		
	4670		1,1-Dichloropropene		



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
	5180		1,2,3-Trichloropropane		
	5155		1,2,4-Trichlorobenzene		
	5210		1,2,4-Trimethylbenzene		
	4570		1,2-Dibromo-3-chloropropane (DBCP)		
	4585		1,2-Dibromoethane (EDB, Ethylene dibromide)		
	4610		1,2-Dichlorobenzene		
	4635		1,2-Dichloroethane (Ethylene dichloride)		
	4655		1,2-Dichloropropane		
	5215		1,3,5-Trimethylbenzene		
	4615		1,3-Dichlorobenzene		
	4660		1,3-Dichloropropane		
	4620		1,4-Dichlorobenzene		
	4410		2-Butanone (Methyl ethyl ketone, MEK)		
	4535		2-Chlorotoluene		
	4860		2-Hexanone (MBK)		
	4540		4-Chlorotoluene		
	4542		4-Ethyltoluene		
	4910		4-Isopropyltoluene (p-Cymene)		
	4995		4-Methyl-2-pentanone (MIBK)		
	4315		Acetone		
	4375		Benzene		
	5635		Benzyl chloride		
	4385		Bromobenzene		
	4395		Bromodichloromethane		
	4400		Bromoform		
	4450		Carbon disulfide		
	4455		Carbon tetrachloride		
	4475		Chlorobenzene		



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
	4575		Chlorodibromomethane		
	4485		Chloroethane (Ethyl chloride)		
	4505		Chloroform		
	4705		cis & trans-1,2-Dichloroethene		
	4680		cis-1,3-Dichloropropene		
	4595		Dibromomethane (Methylene bromide)		
	4765		Ethylbenzene		
	4835		Hexachlorobutadiene		
	4900		Isopropylbenzene (Cumene)		
	5240		m+p-xylene		
	4950		Methyl bromide (Bromomethane)		
	4960		Methyl chloride (Chloromethane)		
	5000		Methyl tert-butyl ether (MTBE)		
	4975		Methylene chloride (Dichloromethane)		
	4435		n-Butylbenzene		
	5090		n-Propylbenzene		
	5250		o-Xylene		
	4440		sec-Butylbenzene		
	5100		Styrene		
	4445		tert-Butylbenzene		
	5115		Tetrachloroethylene (Perchloroethylene)		
	5140		Toluene		
	4685		trans-1,3-Dichloropropylene		
	5170		Trichloroethene (Trichloroethylene)		



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)		
		5225	Vinyl acetate		
		5235	Vinyl chloride		
		5260	Xylene (total)		
EPA TO-3				10312400	Method for the Determination of Volatile Organic Compounds in Ambient Air Using Cryogenic Preconcentration Techniques and Gas Chromatography With Flame Ionization and Electron Capture Detection
		4375	Benzene		
		4747	Ethane		
		4765	Ethylbenzene		
		9408	Gasoline range organics (GRO)		
		4926	Methane		
		5000	Methyl tert-butyl ether (MTBE)		
		4855	n-Hexane		
		5029	n-Propane		
		5140	Toluene		
		5260	Xylene (total)		

Drinking Water

EPA 200.7
4.4

10013806 ICP - metals

1000	Aluminum
1015	Barium
1020	Beryllium
1030	Cadmium
1040	Chromium
1055	Copper
1070	Iron
1090	Manganese
1105	Nickel
1150	Silver



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		1190	Zinc		
EPA 200.8	5.4			10014605	Metals by ICP-MS
		1000	Aluminum		
		1005	Antimony		
		1010	Arsenic		
		1015	Barium		
		1020	Beryllium		
		1030	Cadmium		
		1040	Chromium		
		1055	Copper		
		1075	Lead		
		1090	Manganese		
		1105	Nickel		
		1140	Selenium		
		1150	Silver		
		1165	Thallium		
		1190	Zinc		
EPA 245.1	3			10036609	Mercury by Cold Vapor Atomic Absorption
		1095	Mercury		
EPA 300.0	2.1			10053200	Methods for the Determination of Inorganic Substances in Environmental Samples
		1540	Bromide		
		1575	Chloride		
		1810	Nitrate as N		
		1840	Nitrite as N		
		1870	Orthophosphate as P		
		2000	Sulfate		
EPA 314.0				10277006	Perchlorate in Drinking Water by Ion Chromatography
EPA 314.0		1895	Perchlorate		
SM 2540				20050402	Total Dissolved Solids Dried at 180C



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
	C-97	1997			
		1955	Residue-filterable (TDS)		

Non-Potable Water

EPA 1311				10118806	Toxicity Characteristic Leaching Procedure
	1466		Toxicity Characteristic Leaching Procedure (TCLP)		
EPA 1312				10119003	Synthetic Precipitation Leaching Procedure
	1460		Synthetic Precipitation Leaching Procedure (SPLP)		
EPA 300.0 2.1				10053200	Methods for the Determination of Inorganic Substances in Environmental Samples
	1540		Bromide		
	1575		Chloride		
	1730		Fluoride		
	1810		Nitrate as N		
	1840		Nitrite as N		
	1870		Orthophosphate as P		
	2000		Sulfate		
EPA 3010A				10133605	Acid Digestion of Aqueous samples and Extracts for Total Metals
	1401		Acid Digestion of Aqueous samples and Extracts for Total Metals		
EPA 314.0 EPA 314.0				10277006	Perchlorate in Drinking Water by Ion Chromatography
	1895		Perchlorate		
EPA 3510C				10138202	Separatory Funnel Liquid-liquid extraction
	1444		Separatory Funnel Liquid-Liquid Extraction		
EPA 3620B				10145809	Florisil Cleanup
	1414		Florisil Clean-up		



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
EPA	3630C			10146802	Silica gel cleanup
		1446	Silica Gel Clean-up		
EPA	3665A			10148808	Sulfuric Acid / permanganate Cleanup
		1458	Sulfuric Acid / Permanganate Clean-Up		
EPA	6010B			10155609	ICP - AES
		1005	Antimony		
		1010	Arsenic		
		1015	Barium		
		1020	Beryllium		
		1030	Cadmium		
		1040	Chromium		
		1050	Cobalt		
		1055	Copper		
		1075	Lead		
		1100	Molybdenum		
		1105	Nickel		
		1140	Selenium		
		1150	Silver		
		1165	Thallium		
		1185	Vanadium		
		1190	Zinc		
EPA	6020			10156000	Inductively Coupled Plasma-Mass Spectrometry
		1005	Antimony		
		1010	Arsenic		
		1015	Barium		
		1020	Beryllium		
		1030	Cadmium		
		1040	Chromium		
		1050	Cobalt		



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		1055	Copper		
		1075	Lead		
		1100	Molybdenum		
		1105	Nickel		
		1140	Selenium		
		1150	Silver		
		1165	Thallium		
		1185	Vanadium		
		1190	Zinc		
EPA	7196A			10162400	Chromium Hexavalent colorimetric
		1045	Chromium VI		
EPA	7470A			10165807	Mercury in Liquid Waste by Cold Vapor Atomic Absorption
		1095	Mercury		
EPA	8015B			10173601	Non-halogenated organics using GC/FID
		9369	Diesel range organics (DRO)		
		9408	Gasoline range organics (GRO)		
EPA	8081A			10178606	Organochlorine Pesticides by GC/ECD
		7355	4,4'-DDD		
		7360	4,4'-DDE		
		7365	4,4'-DDT		
		7025	Aldrin		
		7110	alpha-BHC (alpha-Hexachlorocyclohexane)		
		7115	beta-BHC (beta-Hexachlorocyclohexane)		
		7250	Chlordane (tech.)		
		7240	cis-chlordane (alpha-Chlordane)		
		7105	delta-BHC		



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		7470	Dieldrin		
		7510	Endosulfan I		
		7515	Endosulfan II		
		7520	Endosulfan sulfate		
		7540	Endrin		
		7530	Endrin aldehyde		
		7535	Endrin ketone		
		7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)		
		7245	gamma-Chlordane		
		7685	Heptachlor		
		7690	Heptachlor epoxide		
		7810	Methoxychlor		
		8250	Toxaphene (Chlorinated camphene)		
EPA 8082				10179007	Polychlorinated Biphenyls (PCBs) by GC/ECD
		8880	Aroclor-1016 (PCB-1016)		
		8885	Aroclor-1221 (PCB-1221)		
		8890	Aroclor-1232 (PCB-1232)		
		8895	Aroclor-1242 (PCB-1242)		
		8900	Aroclor-1248 (PCB-1248)		
		8905	Aroclor-1254 (PCB-1254)		
		8910	Aroclor-1260 (PCB-1260)		
EPA 8260B				10184802	Volatile Organic Compounds by purge and trap GC/MS
		5105	1,1,1,2-Tetrachloroethane		
		5160	1,1,1-Trichloroethane		
		5110	1,1,2,2-Tetrachloroethane		
		5165	1,1,2-Trichloroethane		
		4630	1,1-Dichloroethane		
		4640	1,1-Dichloroethylene		
		4670	1,1-Dichloropropene		



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
	5150		1,2,3-Trichlorobenzene		
	5180		1,2,3-Trichloropropane		
	5155		1,2,4-Trichlorobenzene		
	5210		1,2,4-Trimethylbenzene		
	4585		1,2-Dibromoethane (EDB, Ethylene dibromide)		
	4610		1,2-Dichlorobenzene		
	4635		1,2-Dichloroethane (Ethylene dichloride)		
	4655		1,2-Dichloropropane		
	5215		1,3,5-Trimethylbenzene		
	4615		1,3-Dichlorobenzene		
	4660		1,3-Dichloropropane		
	4620		1,4-Dichlorobenzene		
	4665		2,2-Dichloropropane		
	4410		2-Butanone (Methyl ethyl ketone, MEK)		
	4500		2-Chloroethyl vinyl ether		
	4535		2-Chlorotoluene		
	4860		2-Hexanone (MBK)		
	4540		4-Chlorotoluene		
	4995		4-Methyl-2-pentanone (MIBK)		
	4315		Acetone		
	4325		Acrolein (Propenal)		
	4340		Acrylonitrile		
	4375		Benzene		
	4385		Bromobenzene		
	4390		Bromochloromethane		
	4395		Bromodichloromethane		
	4400		Bromoform		
	4450		Carbon disulfide		
	4455		Carbon tetrachloride		



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
	4475		Chlorobenzene		
	4575		Chlorodibromomethane		
	4485		Chloroethane (Ethyl chloride)		
	4505		Chloroform		
	4645		cis-1,2-Dichloroethylene		
	4680		cis-1,3-Dichloropropene		
	4580		Dibromochloropropane		
	4595		Dibromomethane (Methylene bromide)		
	4625		Dichlorodifluoromethane (Freon-12)		
	9375		Di-isopropylether (DIPE)		
	4755		Ethyl acetate		
	4765		Ethylbenzene		
	4770		Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)		
	9408		Gasoline range organics (GRO)		
	4835		Hexachlorobutadiene		
	4870		Iodomethane (Methyl iodide)		
	4900		Isopropylbenzene (Cumene)		
	5240		m+p-xylene		
	4950		Methyl bromide (Bromomethane)		
	4960		Methyl chloride (Chloromethane)		
	5000		Methyl tert-butyl ether (MTBE)		
	4975		Methylene chloride (Dichloromethane)		
	5005		Naphthalene		
	4435		n-Butylbenzene		
	5090		n-Propylbenzene		



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		5250	o-Xylene		
		4440	sec-Butylbenzene		
		5100	Styrene		
		4370	T-amylmethylether (TAME)		
		4420	tert-Butyl alcohol		
		4445	tert-Butylbenzene		
		5115	Tetrachloroethylene (Perchloroethylene)		
		5140	Toluene		
		4700	trans-1,2-Dichloroethylene		
		4685	trans-1,3-Dichloropropylene		
		5170	Trichloroethene (Trichloroethylene)		
		5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)		
		5225	Vinyl acetate		
		5235	Vinyl chloride		
		5260	Xylene (total)		
EPA				10185805	Semivolatile Organic compounds by GC/MS
8270C					
		5155	1,2,4-Trichlorobenzene		
		4610	1,2-Dichlorobenzene		
		6220	1,2-Diphenylhydrazine		
		4615	1,3-Dichlorobenzene		
		4620	1,4-Dichlorobenzene		
		4735	1,4-Dioxane (1,4-Diethyleneoxide)		
		4659	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether		
		6835	2,4,5-Trichlorophenol		
		6840	2,4,6-Trichlorophenol		
		6000	2,4-Dichlorophenol		



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
	6130		2,4-Dimethylphenol		
	6175		2,4-Dinitrophenol		
	6185		2,4-Dinitrotoluene (2,4-DNT)		
	6190		2,6-Dinitrotoluene (2,6-DNT)		
	5795		2-Chloronaphthalene		
	5800		2-Chlorophenol		
	6360		2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)		
	6385		2-Methylnaphthalene		
	6400		2-Methylphenol (o-Cresol)		
	6460		2-Nitroaniline		
	6490		2-Nitrophenol		
	5945		3,3'-Dichlorobenzidine		
	6465		3-Nitroaniline		
	5660		4-Bromophenyl phenyl ether (BDE-3)		
	5700		4-Chloro-3-methylphenol		
	5745		4-Chloroaniline		
	5825		4-Chlorophenyl phenylether		
	6410		4-Methylphenol (p-Cresol)		
	6470		4-Nitroaniline		
	5500		Acenaphthene		
	5505		Acenaphthylene		
	5545		Aniline		
	5555		Anthracene		
	5595		Benzidine		
	5575		Benzo(a)anthracene		
	5580		Benzo(a)pyrene		
	5590		Benzo(g,h,i)perylene		
	5600		Benzo(k)fluoranthene		



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		5585	Benzo[b]fluoranthene		
		5610	Benzoic acid		
		5630	Benzyl alcohol		
		5760	bis(2-Chloroethoxy)methane		
		5765	bis(2-Chloroethyl) ether		
		5670	Butyl benzyl phthalate		
		5855	Chrysene		
		6065	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)		
		5895	Dibenz(a,h) anthracene		
		5905	Dibenzofuran		
		6070	Diethyl phthalate		
		6135	Dimethyl phthalate		
		5925	Di-n-butyl phthalate		
		6200	Di-n-octyl phthalate		
		6265	Fluoranthene		
		6270	Fluorene		
		6275	Hexachlorobenzene		
		4835	Hexachlorobutadiene		
		6285	Hexachlorocyclopentadiene		
		4840	Hexachloroethane		
		6315	Indeno(1,2,3-cd) pyrene		
		6320	Isophorone		
		5005	Naphthalene		
		5015	Nitrobenzene		
		6530	n-Nitrosodimethylamine		
		6545	n-Nitrosodi-n-propylamine		
		6535	n-Nitrosodiphenylamine		
		6605	Pentachlorophenol		
		6615	Phenanthrene		
		6625	Phenol		



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		6665	Pyrene		
		5095	Pyridine		
EPA 8270C SIM				10242407	Semivolatile Organic compounds by GC/MS Selective Ion Monitoring
		6385	2-Methylnaphthalene		
		5500	Acenaphthene		
		5505	Acenaphthylene		
		5555	Anthracene		
		5575	Benzo(a)anthracene		
		5580	Benzo(a)pyrene		
		5590	Benzo(g,h,i)perylene		
		5600	Benzo(k)fluoranthene		
		5585	Benzo[b]fluoranthene		
		5855	Chrysene		
		5895	Dibenz(a,h) anthracene		
		6265	Fluoranthene		
		6270	Fluorene		
		6315	Indeno(1,2,3-cd) pyrene		
		5005	Naphthalene		
		6615	Phenanthrene		
		6665	Pyrene		
EPA 9040B				10197203	pH Electrometric Measurement
		1900	pH		
EPA 9056				10199005	Determination of Inorganic Anions by Ion Chromatography
		1730	Fluoride		
EPA RSK- 175 (GC- FID)				10212905	Methane, Ethane, and Ethene in water by Headspace GC/FID
		4747	Ethane		
		4752	Ethene		
		4926	Methane		
SM 2540				20050402	Total Dissolved Solids Dried at 180C



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
	C-97	1997			
		1955	Residue-filterable (TDS)		

Solids

ASTM				30030708	Shake Extraction of Solid Waste with Water
D3987-06		8031	Extraction/Preparation		
EPA	1311			10118806	Toxicity Characteristic Leaching Procedure
		1466	Toxicity Characteristic Leaching Procedure (TCLP)		
EPA	1312			10119003	Synthetic Precipitation Leaching Procedure
		1460	Synthetic Precipitation Leaching Procedure (SPLP)		
EPA	300.0			10053200	Methods for the Determination of Inorganic Substances in Environmental Samples
	2.1	1540	Bromide		
		1575	Chloride		
		1730	Fluoride		
		1810	Nitrate as N		
		1840	Nitrite as N		
		1870	Orthophosphate as P		
		2000	Sulfate		
EPA	3050B			10135601	Acid Digestion of Sediments, Sludges, and soils
		1400	Acid Digestion of Solids		
EPA	314.0			10277006	Perchlorate in Drinking Water by Ion Chromatography
	EPA 314.0	1895	Perchlorate		
EPA	3550B			10141807	Ultrasonic Extraction
		1468	Ultrasonic Extraction		
EPA	3620B			10145809	Florisil Cleanup



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		1414	Florisil Clean-up		
EPA	3630C			10146802	Silica gel cleanup
		1446	Silica Gel Clean-up		
EPA	3665A			10148808	Sulfuric Acid / permanganate Cleanup
		1458	Sulfuric Acid / Permanganate Clean-Up		
EPA	5035			10154004	Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples
		1392	Closed-System Purge & Trap (Methanol)		
EPA	6010B			10155609	ICP - AES
		1005	Antimony		
		1010	Arsenic		
		1015	Barium		
		1020	Beryllium		
		1030	Cadmium		
		1040	Chromium		
		1050	Cobalt		
		1055	Copper		
		1075	Lead		
		1100	Molybdenum		
		1105	Nickel		
		1140	Selenium		
		1150	Silver		
		1165	Thallium		
		1185	Vanadium		
		1190	Zinc		
EPA	6020			10156000	Inductively Coupled Plasma-Mass Spectrometry
		1005	Antimony		
		1010	Arsenic		
		1015	Barium		



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		1020	Beryllium		
		1030	Cadmium		
		1040	Chromium		
		1050	Cobalt		
		1055	Copper		
		1075	Lead		
		1100	Molybdenum		
		1105	Nickel		
		1140	Selenium		
		1150	Silver		
		1165	Thallium		
		1185	Vanadium		
		1190	Zinc		
EPA	7196A			10162400	Chromium Hexavalent colorimetric
		1045	Chromium VI		
EPA	7471A			10166208	Mercury in Solid Waste by Cold Vapor Atomic Absorption
		1095	Mercury		
EPA	8015B			10173601	Non-halogenated organics using GC/FID
		9369	Diesel range organics (DRO)		
		9408	Gasoline range organics (GRO)		
EPA	8081A			10178606	Organochlorine Pesticides by GC/ECD
		7355	4,4'-DDD		
		7360	4,4'-DDE		
		7365	4,4'-DDT		
		7025	Aldrin		
		7110	alpha-BHC (alpha-Hexachlorocyclohexane)		
		7115	beta-BHC (beta-		



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
			Hexachlorocyclohexane)		
	7250		Chlordane (tech.)		
	7240		cis-chlordane (alpha-Chlordane)		
	7105		delta-BHC		
	7470		Dieldrin		
	7510		Endosulfan I		
	7515		Endosulfan II		
	7520		Endosulfan sulfate		
	7540		Endrin		
	7530		Endrin aldehyde		
	7535		Endrin ketone		
	7120		gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)		
	7245		gamma-Chlordane		
	7685		Heptachlor		
	7690		Heptachlor epoxide		
	7810		Methoxychlor		
	8250		Toxaphene (Chlorinated camphene)		
EPA 8082				10179007	Polychlorinated Biphenyls (PCBs) by GC/ECD
	8885		Aroclor-1221 (PCB-1221)		
	8890		Aroclor-1232 (PCB-1232)		
	8895		Aroclor-1242 (PCB-1242)		
	8900		Aroclor-1248 (PCB-1248)		
	8905		Aroclor-1254 (PCB-1254)		
	8910		Aroclor-1260 (PCB-1260)		
EPA 8260B				10184802	Volatile Organic Compounds by purge and trap GC/MS
	5105		1,1,1,2-Tetrachloroethane		
	5160		1,1,1-Trichloroethane		
	5110		1,1,2,2-Tetrachloroethane		
	5165		1,1,2-Trichloroethane		



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
	4630		1,1-Dichloroethane		
	4640		1,1-Dichloroethylene		
	4670		1,1-Dichloropropene		
	5150		1,2,3-Trichlorobenzene		
	5180		1,2,3-Trichloropropane		
	5155		1,2,4-Trichlorobenzene		
	5210		1,2,4-Trimethylbenzene		
	4585		1,2-Dibromoethane (EDB, Ethylene dibromide)		
	4610		1,2-Dichlorobenzene		
	4635		1,2-Dichloroethane (Ethylene dichloride)		
	4655		1,2-Dichloropropane		
	5215		1,3,5-Trimethylbenzene		
	4615		1,3-Dichlorobenzene		
	4660		1,3-Dichloropropane		
	4620		1,4-Dichlorobenzene		
	4665		2,2-Dichloropropane		
	4410		2-Butanone (Methyl ethyl ketone, MEK)		
	4535		2-Chlorotoluene		
	4860		2-Hexanone (MBK)		
	4540		4-Chlorotoluene		
	4995		4-Methyl-2-pentanone (MIBK)		
	4315		Acetone		
	4375		Benzene		
	4385		Bromobenzene		
	4390		Bromochloromethane		
	4395		Bromodichloromethane		
	4400		Bromoform		
	4450		Carbon disulfide		
	4455		Carbon tetrachloride		



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
	4475		Chlorobenzene		
	4575		Chlorodibromomethane		
	4485		Chloroethane (Ethyl chloride)		
	4505		Chloroform		
	4645		cis-1,2-Dichloroethylene		
	4680		cis-1,3-Dichloropropene		
	4580		Dibromochloropropane		
	4595		Dibromomethane (Methylene bromide)		
	4625		Dichlorodifluoromethane (Freon-12)		
	9375		Di-isopropylether (DIPE)		
	4755		Ethyl acetate		
	4765		Ethylbenzene		
	4770		Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)		
	9408		Gasoline range organics (GRO)		
	4835		Hexachlorobutadiene		
	4900		Isopropylbenzene (Cumene)		
	5240		m+p-xylene		
	4950		Methyl bromide (Bromomethane)		
	4960		Methyl chloride (Chloromethane)		
	5000		Methyl tert-butyl ether (MTBE)		
	4975		Methylene chloride (Dichloromethane)		
	5005		Naphthalene		
	4435		n-Butylbenzene		
	5090		n-Propylbenzene		
	5250		o-Xylene		



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		4440	sec-Butylbenzene		
		5100	Styrene		
		4370	T-amylmethylether (TAME)		
		4420	tert-Butyl alcohol		
		4445	tert-Butylbenzene		
		5115	Tetrachloroethylene (Perchloroethylene)		
		5140	Toluene		
		4700	trans-1,2-Dichloroethylene		
		4685	trans-1,3-Dichloropropylene		
		5170	Trichloroethene (Trichloroethylene)		
		5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)		
		5225	Vinyl acetate		
		5235	Vinyl chloride		
		5260	Xylene (total)		
EPA 8270C				10185805	Semivolatile Organic compounds by GC/MS
		5155	1,2,4-Trichlorobenzene		
		4610	1,2-Dichlorobenzene		
		6220	1,2-Diphenylhydrazine		
		4615	1,3-Dichlorobenzene		
		4620	1,4-Dichlorobenzene		
		4735	1,4-Dioxane (1,4-Diethyleneoxide)		
		4659	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether		
		6835	2,4,5-Trichlorophenol		
		6840	2,4,6-Trichlorophenol		
		6000	2,4-Dichlorophenol		
		6130	2,4-Dimethylphenol		



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
	6175		2,4-Dinitrophenol		
	6185		2,4-Dinitrotoluene (2,4-DNT)		
	6190		2,6-Dinitrotoluene (2,6-DNT)		
	5795		2-Chloronaphthalene		
	5800		2-Chlorophenol		
	6360		2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)		
	6385		2-Methylnaphthalene		
	6400		2-Methylphenol (o-Cresol)		
	6460		2-Nitroaniline		
	6490		2-Nitrophenol		
	5945		3,3'-Dichlorobenzidine		
	6465		3-Nitroaniline		
	5660		4-Bromophenyl phenyl ether (BDE-3)		
	5700		4-Chloro-3-methylphenol		
	5745		4-Chloroaniline		
	5825		4-Chlorophenyl phenylether		
	6410		4-Methylphenol (p-Cresol)		
	6470		4-Nitroaniline		
	6500		4-Nitrophenol		
	5500		Acenaphthene		
	5505		Acenaphthylene		
	5545		Aniline		
	5555		Anthracene		
	5595		Benzidine		
	5575		Benzo(a)anthracene		
	5580		Benzo(a)pyrene		
	5590		Benzo(g,h,i)perylene		
	5600		Benzo(k)fluoranthene		
	5585		Benzo[b]fluoranthene		



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
	5610		Benzoic acid		
	5630		Benzyl alcohol		
	5760		bis(2-Chloroethoxy)methane		
	5765		bis(2-Chloroethyl) ether		
	5670		Butyl benzyl phthalate		
	5855		Chrysene		
	6065		Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)		
	5895		Dibenz(a,h) anthracene		
	5905		Dibenzofuran		
	6070		Diethyl phthalate		
	6135		Dimethyl phthalate		
	5925		Di-n-butyl phthalate		
	6200		Di-n-octyl phthalate		
	6265		Fluoranthene		
	6270		Fluorene		
	6275		Hexachlorobenzene		
	4835		Hexachlorobutadiene		
	6285		Hexachlorocyclopentadiene		
	4840		Hexachloroethane		
	6315		Indeno(1,2,3-cd) pyrene		
	6320		Isophorone		
	5005		Naphthalene		
	5015		Nitrobenzene		
	6530		n-Nitrosodimethylamine		
	6545		n-Nitrosodi-n-propylamine		
	6535		n-Nitrosodiphenylamine		
	6605		Pentachlorophenol		
	6615		Phenanthrene		
	6625		Phenol		
	6665		Pyrene		



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: CA300003



Advanced Technology

EPA CODE: CA00401

Laboratories

Certificate: CA300003 - 013

3275/3291 Walnut Ave. & 1418

Issue Date: 1/30/2021 Expiration Date: 1/29/2022

E.33rd St.

Signal Hill, CA 90755

As of 1/30/2021 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		5095	Pyridine		
EPA	8270C			10242407	Semivolatile Organic compounds by GC/MS Selective Ion Monitoring
	SIM				
		6385	2-Methylnaphthalene		
		5500	Acenaphthene		
		5505	Acenaphthylene		
		5555	Anthracene		
		5575	Benzo(a)anthracene		
		5580	Benzo(a)pyrene		
		5590	Benzo(g,h,i)perylene		
		5600	Benzo(k)fluoranthene		
		5585	Benzo[b]fluoranthene		
		5855	Chrysene		
		5895	Dibenz(a,h) anthracene		
		6265	Fluoranthene		
		6270	Fluorene		
		6315	Indeno(1,2,3-cd) pyrene		
		5005	Naphthalene		
		6615	Phenanthrene		
		6665	Pyrene		
EPA	9045C			10198400	Soil and Waste pH
		1900	pH		