



OREGON

Environmental Laboratory Accreditation Program



NELAP Recognized

Edge Analytical Inc.

4072

1620 S. Walnut St.
Burlington, WA 98233

IS GRANTED APPROVAL BY ORELAP UNDER THE 2009 TNI STANDARDS, TO PERFORM ANALYSES ON ENVIRONMENTAL SAMPLES IN MATRICES AS LISTED BELOW :

<i>Air</i>	<i>Drinking Water</i>	<i>Non Potable Water</i>	<i>Solids and Chem. Waste</i>	<i>Tissue</i>
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.

Lizbeth Garcia

Lizbeth Garcia, MS
Oregon State Public Health Laboratory
ORELAP Assessor
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EFFECTIVE DATE : 04/3/2018

EXPIRATION DATE : 04/2/2019

Certificate No : 4072 - 006



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ORELAP Fields of Accreditation

ORELAP ID: 4072

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EPA CODE: WA00097

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MATRIX	Reference	Code	Analyte	Code	Description
Air	EPA 325B 2013			10277437	Sorbent Tubes Coupled with Thermal Desorption and GC/MS
		4375	Benzene		
Drinking Water	EPA 150.1			10008409	pH - Electrometric Measurement
		1900	pH		
	EPA 180.1 2			10011800	Turbidity - Nephelometric
		2055	Turbidity		
	EPA 200.7 4.4			10013806	ICP - metals
		1000	Aluminum		
		1015	Barium		
		1020	Beryllium		
		1025	Boron		
		1030	Cadmium		
		1035	Calcium		
		1040	Chromium		
		1055	Copper		
		1070	Iron		
		1085	Magnesium		
	1090	Manganese			
	1100	Molybdenum			
	1105	Nickel			
	1125	Potassium			
	1150	Silver			
	1155	Sodium			
	1185	Vanadium			
	1190	Zinc			
EPA 200.8 5.4				10014605	Metals by ICP-MS
	1005	Antimony			
	1010	Arsenic			
	1015	Barium			
	1020	Beryllium			
	1030	Cadmium			
	1040	Chromium			
	1055	Copper			
	1075	Lead			
	1090	Manganese			
	1105	Nickel			



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EPA 200.8 5.4	1140	Selenium	10028009	Dissolved Hexavalent Chromium by Ion Chromatography
	1150	Silver		
	1165	Thallium		
	3035	Uranium		
	1190	Zinc		
EPA 218.6 3.3	1045	Chromium VI	10036609	Mercury by Cold Vapor Atomic Absorption
	1095	Mercury		
EPA 300.0 2.1	1575	Chloride	10053200	Methods for the Determination of Inorganic Substances in Environmental Samples
	1730	Fluoride		
	1810	Nitrate as N		
	1820	Nitrate-nitrite		
	1840	Nitrite as N		
	2000	Sulfate		
	2000	Sulfate		
EPA 300.1	1535	Bromate	10053608	Ion chromatography - anions.
	1540	Bromide		
	1570	Chlorate		
	1595	Chlorite		
	1595	Chlorite		
EPA 504.1 1.1	5180	1,2,3-Trichloropropane	10082801	EDB/DBCP/TCP micro-extraction, GC/ECD
	4570	1,2-Dibromo-3-chloropropane (DBCP)		
	4585	1,2-Dibromoethane (EDB, Ethylene dibromide)		
	4585	1,2-Dibromoethane (EDB, Ethylene dibromide)		
EPA 508.1 2	7355	4,4'-DDD	10086405	Chlorinated Pesticides, Herbicides, and Organohalides, liquid/solid extraction by GC/ECD
	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		
	7470	Dieldrin		
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EPA 508.1 2	7510	Endosulfan I	
	7515	Endosulfan II	
	7520	Endosulfan sulfate	
	7540	Endrin	
	7530	Endrin aldehyde	
	7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	
	7685	Heptachlor	
	7690	Heptachlor epoxide	
	7810	Methoxychlor	
	8872	PCB Aroclor Identification	
	8870	PCBs	
	8250	Toxaphene (Chlorinated camphene)	
	7245	trans-chlordane (gamma-Chlordane)	
EPA 515.4 1	10088503	Chlorinated acids Liquid/Solid and GC/ECD	
	8655	2,4,5-T	
	8545	2,4-D	
	8560	2,4-DB	
	8600	3,5-Dichlorobenzoic acid	
	8505	Acifluorfen	
	8530	Bentazon	
	8540	Chloramben	
	8555	Dalapon	
	8570	DCPA di acid degradate	
	8565	DCPA mono-acid	
	8595	Dicamba	
	8605	Dichloroprop (Dichloroprop)	
	8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	
	6605	Pentachlorophenol	
	8645	Picloram	
	8650	Silvex (2,4,5-TP)	
EPA 522 1	10088570	1,4-Dioxane in Drinking Water by SPE and GC/MS SIM	
	4735	1,4-Dioxane (1,4- Diethyleneoxide)	
EPA 524.2 4.1	10088809	Volatile Organic Compounds GC/MS Capillary Column	
	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	



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EPA 524.2 4.1	
5150	1,2,3-Trichlorobenzene
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
4665	2,2-Dichloropropane
4410	2-Butanone (Methyl ethyl ketone, MEK)
4535	2-Chlorotoluene
4860	2-Hexanone (MBK)
4540	4-Chlorotoluene
4910	4-Isopropyltoluene (p-Cymene)
4995	4-Methyl-2-pentanone (MIBK)
4315	Acetone
4375	Benzene
4385	Bromobenzene
4390	Bromochloromethane
4395	Bromodichloromethane
4400	Bromoform
4450	Carbon disulfide
4455	Carbon tetrachloride
4475	Chlorobenzene
4575	Chlorodibromomethane
4485	Chloroethane (Ethyl chloride)
4505	Chloroform
4705	cis & trans-1,2-Dichloroethene
4645	cis-1,2-Dichloroethylene
4680	cis-1,3-Dichloropropene
4595	Dibromomethane (Methylene bromide)
4625	Dichlorodifluoromethane (Freon-12)
4725	Diethyl ether
4765	Ethylbenzene
4835	Hexachlorobutadiene
4900	Isopropylbenzene (Cumene)
5240	m+p-xylene
4950	Methyl bromide (Bromomethane)



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EPA 524.2 4.1	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	
	4440	sec-Butylbenzene	
	5100	Styrene	
	4445	tert-Butylbenzene	
	5115	Tetrachloroethylene (Perchloroethylene)	
	5120	Tetrahydrofuran (THF)	
	5140	Toluene	
	5205	Total trihalomethanes	
	4700	trans-1,2-Dichloroethylene	
	4685	trans-1,3-Dichloropropylene	
	5170	Trichloroethene (Trichloroethylene)	
	5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	
	5235	Vinyl chloride	
	5260	Xylene (total)	
EPA 525.2 2			10090003 Semi-Volatile by SPE extraction and GC/MS
	7355	4,4'-DDD	
	7360	4,4'-DDE	
	7365	4,4'-DDT	
	5500	Acenaphthene	
	5505	Acenaphthylene	
	7005	Alachlor	
	7025	Aldrin	
	7110	alpha-BHC (alpha-Hexachlorocyclohexane)	
	7035	Ametryn	
	5555	Anthracene	
	7065	Atrazine	
	5575	Benzo(a)anthracene	
	5580	Benzo(a)pyrene	
	5590	Benzo(g,h,i)perylene	
	5600	Benzo(k)fluoranthene	
	5585	Benzo[b]fluoranthene	
	7115	beta-BHC (beta-Hexachlorocyclohexane)	
	6062	bis(2-Ethylhexyl)adipate	
	7130	Bromacil	
	7160	Butachlor	



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EPA 525.2 2

- 7175 Butylate
- 7260 Chlorobenzilate
- 7265 Chloroneb
- 7275 Chloropropham
- 7300 Chlorpyrifos
- 7310 Chlorthalonil (Daconil)
- 5855 Chrysene
- 7240 cis-chlordane (alpha-Chlordane)
- 7965 cis-Permethrin
- 4550 Cycloate
- 8550 Dacthal (DCPA)
- 7105 delta-BHC
- 6065 Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)
- 5895 Dibenz(a,h) anthracene
- 8610 Dichlorovos (DDVP, Dichlorvos)
- 7470 Dieldrin
- 6070 Diethyl phthalate
- 6135 Dimethyl phthalate
- 5925 Di-n-butyl phthalate
- 7500 Diphenamid
- 7510 Endosulfan I
- 7515 Endosulfan II
- 7520 Endosulfan sulfate
- 7540 Endrin
- 7530 Endrin aldehyde
- 7555 EPTC (Eptam, s-ethyl-dipropyl thio carbamate)
- 7570 Ethoprop
- 7575 Etridiazole
- 7590 Fenarimol
- 6270 Fluorene
- 7120 gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)
- 7685 Heptachlor
- 7690 Heptachlor epoxide
- 6275 Hexachlorobenzene
- 6285 Hexachlorocyclopentadiene
- 7705 Hexazinone
- 6315 Indeno(1,2,3-cd) pyrene
- 7810 Methoxychlor
- 7835 Metolachlor
- 7845 Metribuzin
- 7850 Mevinphos



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EPA 525.2 2	7860	MGK-264	
	7875	Molinate	
	5005	Naphthalene	
	6440	Napropamide	
	7930	Norflurazon	
	9537	Pebulate	
	6605	Pentachlorophenol	
	6615	Phenanthrene	
	8040	Prometryn	
	6650	Pronamide (Kerb)	
	8045	Propachlor (Ramrod)	
	8060	Propazine	
	6665	Pyrene	
	8125	Simazine	
	8130	Simetryn	
	8180	Terbacil	
	8195	Terbutryn (Igran)	
	8200	Tetrachlorvinphos (Stirophos, Gardona) Z-isomer	
	7970	trans Permethrin	
	7245	trans-chlordane (gamma-Chlordane)	
7910	trans-Nonachlor		
8255	Triademefon		
8295	Trifluralin (Treflan)		
8320	Vernolate		
EPA 531.2 1			10091302 Carbamate Pesticides by Post-column Derivitization HPLC/Fluorescence
	7710	3-Hydroxycarbofuran	
	7010	Aldicarb (Temik)	
	7015	Aldicarb sulfone	
	7020	Aldicarb sulfoxide	
	7195	Carbaryl (Sevin)	
	7205	Carbofuran (Furaden)	
	7800	Methiocarb (Mesurol)	
	7805	Methomyl (Lannate)	
	7940	Oxamyl	
	8080	Propoxur (Baygon)	
EPA 547			10092009 Glyphosate by Direct Aqueous Injection by Post-column Derivitization and HPLC/Fluorescence
	9411	Glyphosate	
EPA 548.1 1			10092805 Endothall by Ion Exchange, Methylation and GC/MS
	7525	Endothall	



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EPA 549.2 1		10093400	Diquat/Paraquat by Liquid/Liquid Extraction and HPLC/UV-VIS
	9390 Diquat		
	9528 Paraquat		
EPA 552.3 1		10239608	Haloacetic Acid/Dalapon, Microextraction, Derivatization and GC/ECD
	9312 Bromoacetic acid		
	9315 Bromochloroacetic acid		
	9336 Chloroacetic acid		
	9357 Dibromoacetic acid		
	9360 Dichloroacetic acid		
	9414 Total haloacetic acids		
	9642 Trichloroacetic acid		
OIA 1677		60031405	Available Cyanide by FIA, Ligand Exchange and Amperometry
	1523 Available Cyanide		
SM 2120 B 18th ED		20223603	Color by Visual Comparison
	1605 Color		
SM 2150 B 18th ED		20043009	Odor by Threshold Odor Test
	1855 Odor		
SM 2320 B 18th ED		20044808	Alkalinity by Titration
	1505 Alkalinity as CaCO ₃		
SM 2340 B 20th ED		20046202	Hardness by calculation
	1750 Hardness		
SM 2510 B 18th ED		20047807	Conductivity by Probe
	1610 Conductivity		
SM 2540 C 18th ED		20049609	Total Dissolved Solids
	1955 Residue-filterable (TDS)		
SM 4500-Cl G 20th ED		20081203	Residual Chlorine by DPD Colorimetric Determination
	1580 Chlorine		
SM 4500-H+ B 18th ED		20022406	pH by Electrometric Method
	1900 pH		
SM 4500-NO ₃ ⁻ F 20th ED		20116205	Nitrate Nitrogen by Automated Cadmium Reduction Method
	1810 Nitrate as N		
	1820 Nitrate-nitrite		
	1840 Nitrite as N		
SM 4500-P F 18th ED		20026000	Phosphorus by Automated Ascorbic Acid Method
	1870 Orthophosphate as P		



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		1710	Dissolved organic carbon (DOC)	
		2040	Total organic carbon	
	SM 5910 B 20th ED		20146003	UV absorbing organic constituents
		2060	UV 254	

