

### Oregon

# Environmental Laboratory Accreditation Program ORELAP Fields of Accreditation



Alliance Technical Group 12242 SW Garden Place Tigard, OR 97223 ORELAP ID: OR100051 EPA CODE: OR0044 Certificate: OR100051 - 017

Issue Date: 6/23/2024 Expiration Date: 6/22/2025

As of 6/23/2024 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Air		i					
	40 CFR Part 50 Appendix J				FR	10000507	Reference Method for the Determination of Particulate Matter as PM10 in the Atmosphere
		3950	Particulates <10 um				
	40 CFR Part 50 Appendix L		SERRE			10000709	Fine Particulate Matter as PM2.5 in the Atmosphere
		3805	Fine particulates <2.5 um				
	ASTM D7614- 20		Phi		2020	30032010	Total Suspended Particulate (TSP) Hexavalent Chromium in Ambient Air Analyzed by IC-UV-Vis
		1045	Chromium VI				
	CARB 425	1		1	1997	90014941	California Environmental Resources Board - Total Chromium and Hexavalent Chromium Emissions from Stationary Sources
		1045	Chromium VI			100	10
		1600	Total chromium			-	
	DRI SOP#2- 216r2				2003	60034200	Thermal/Optical Carbon Analysis (TOR/TOT) of Aerosol Filter Samples - Method IMPROVE_A
		1553	Carbon				
	EPA 202					10403006	Determination of Condensible Particulate Emissions from Stationary Sources
	100	3915	Particulates				
	EPA CTM-027				1998	10214707	Procedure for Collection and Analysis of Ammonia in Stationary Sources
		3751	Ammonia				
	EPA Method 12	Y			2020	10402161	Determination of Inorganic Lead Emissions from Stationary Sources
		1075	Lead			N	
	EPA Method 26A		REDIT	2000	NB	10403200	Determination of Hydrogen Halides and Halogen Emissions From Stationary Sources - Isokinetic Method
		1541	Bromine	TIO	110		
		1580	Chlorine	1110	100		
		1768	Hydrobromic Acid (Hydrogen Bromide)				
		1770	Hydrochloric acid (Hydrogen chloride (gas only))				
		1775	Hydrogen fluoride (Hydrofluoric acid)				



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MATRIX	Reference	Analyte Code	Analyte	Revision Rev	. Date	Method Code	Description
Air	EPA Method 29					10403722	Determination of Metals Emissions from Stationary Sources
		1000	Aluminum				•
		1025	Boron				
		1035	Calcium				
		1760	Hardness (calc.)	RECO			
		1063	Indium	_			
		1070	Iron	ECO			
		1080	Lithium	(EC())	~		
		1085	Magnesium		71	- 60	
		1100	Molybdenum		-//	10	
		1125	Potassium				
		1990	Silica as SiO2			Acres of the last	
		1145	Silicon				
		1155	Sodium			1.	
		1160	Strontium			- 5	
		2017	Sulfur			,	
		1175	Tin				
		1180	Titanium				
		1183	Tungsten				
		1185	Vanadium				
		1192	Zirconium				
	EPA Method	1192	Ziicoriiairi		FR	10403302	Determination of Metals Emission
	29 (CVAA)				I IX	10403302	from Stationary Sources
		1005	Antimony				
		1010	Arsenic				
		1015	Barium			1	
		1020	Beryllium			- mile	- / [2]
		1030	Cadmium			0	1/2/
		1040	Chromium			N	
		1050	Cobalt		0		
		1055	Copper		170		
		1075	Lead	A Commercial	7 ~		
		1090	Manganese	ATIO	*		
		1095	Mercury	ATION			
		1105	Nickel				
		1909	Phosphorus				
		1140	Selenium				
		1150	Silver				
			Thallium				
		1165	Hidillulli				



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EPA Method 29 (CVAA) EPA Method 29 (ICP-MS)	1190 1005 1010 1015 1020 1030 1040 1050 1055 1075 1090	Zinc  Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead	RECO	FR	10403302	Determination of Metals Emissions from Stationary Sources  Determination of Metals Emissions from Stationary Sources
	1005 1010 1015 1020 1030 1040 1050 1055 1075	Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper	RECC			from Stationary Sources
	1010 1015 1020 1030 1040 1050 1055 1075	Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper	RECO			from Stationary Sources
	1010 1015 1020 1030 1040 1050 1055 1075	Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper	RECO	GN		
	1015 1020 1030 1040 1050 1055 1075	Barium Beryllium Cadmium Chromium Cobalt Copper	RECO	GN	11.	
	1020 1030 1040 1050 1055 1075	Beryllium Cadmium Chromium Cobalt Copper	RECO	GN	11.	
	1030 1040 1050 1055 1075	Cadmium Chromium Cobalt Copper	KECC	GN		
	1040 1050 1055 1075	Chromium Cobalt Copper		61	11.	
	1050 1055 1075	Cobalt Copper				
	1055 1075	Copper				
	1075	<b>V</b>				
		Lead			1	
	1090					
	1000	Manganese			15	
	1095	Mercury			- 5	
	1105	Nickel			,	
	1909	Phosphorus				
	1140	Selenium				
	1150	Silver				
	1165	Thallium				
	1190	Zinc				
EPA Method 316			Th	FR	10274449	Sampling and Analysis for Formaldehyde Emissions from Stationary Sources in the Mineral Wool and Wool Fiberglass Industries
	4815	Formaldehyde				1/2/
EPA Method 5	7			FR	10404305	Particulate Matter from Stationary Sources
	3915	Particulates				Cources
NIOSH 5040	0010	Tartiodiatos	3	2003	90012763	Diesel Particulate Matter (as
	191	NO.		. 0		Elemental Carbon)
	1553	Carbon	TATIO	No	111	
	EPA Method 5	1150 1165 1190 EPA Method 316 4815 EPA Method 5 3915 NIOSH 5040	1150 Silver 1165 Thallium 1190 Zinc  EPA Method 316  4815 Formaldehyde  EPA Method 5  3915 Particulates  NIOSH 5040	1150 Silver 1165 Thallium 1190 Zinc  EPA Method 316  4815 Formaldehyde  EPA Method 5  3915 Particulates  NIOSH 5040 3	1150 Silver 1165 Thallium 1190 Zinc  EPA Method 316  4815 Formaldehyde  EPA Method 5  FR  3915 Particulates  NIOSH 5040  3 2003	1150 Silver 1165 Thallium 1190 Zinc  EPA Method 316  4815 Formaldehyde  EPA Method 5  3915 Particulates  NIOSH 5040  3 2003 90012763