

The Alabama Department of Environmental Management

certifies that

Advanced Environmental Laboratories, Inc.

Having met Department laboratory certification criteria, is **Certified** to conduct
Drinking Water analyses for the following:

**Inorganics, Metals, Herbicides, Pesticides, Disinfection Byproducts
Volatile Organic Compounds, Synthetic Organic Compounds**

Effective July 1, 2023 through June 30, 2024



Jeffery W. Kitchens, Chief
Water Division

Alabama Department of Environmental Management

Laboratory Number: **42300**

Advanced Environmental Laboratories, Inc

Expires June 30, 2024

Analyte	Method		Analyte	Method
Metals			Synthetic Organic Chemicals	
Antimony	200.8		Benzo(A)Pyrene	525.2
Arsenic	200.8		Carbofuran	531.1
Barium	200.8		DBCP (1,2 Dibromo-3-Chloropropane)	504.1
Beryllium	200.8		Di(2-Ethylhexyl)Adipate	525.2
Cadmium	200.8		Di(2-Ethylhexyl)Phthalate	525.2
Chromium	200.8		Diquat	549.2
Copper	200.8		EDB (Ethylene Dibromide)	504.1
Lead	200.8		Endothall	548.1
Mercury	245.1		Glyphosate	547
Nickel	200.8		Oxamyl (Vydate)	531.1
Selenium	200.8		PCB (Polychlorinated Biphenyls)	508
Thallium	200.8			
			Disinfection Byproducts	
Inorganics			Bromate	Not Certified
Cyanide	Not Certified		Chlorite	Not Certified
Fluoride	300.0		Haloacetic Acids	552.2
Nitrate	300.0		Total Trihalomethanes	524.2
Nitrite	300.0		Total Organic Carbon	Not Certified
Volatile Organic Chemicals	524.2		Radionuclides	Not Certified
Pesticides			Dioxin	Not Certified
Alachlor (Lasso)	525.2			
Atrazine	525.2		Asbestos	Not Certified
Bhc-Gamma (Lindane)	508			
Chlordane	508		Microbiological	
Endrin	508		Total Coliform	Not Certified
Heptachlor	508		E. Coli	Not Certified
Heptachlor Epoxide	508		Cryptosporidium	Not Certified
Hexachlorobenzene	508		Giardia	Not Certified
Hexachlorocyclopentadiene	508	525.2		
Methoxychlor	508		PFAS	533, 537.1
Simazine	525.2			
Toxaphene	508			
Herbicides				
2,4,5-TP (Silvex)	515.3			
2,4-D	515.3			
Dalapon	515.3			
Dinoseb	515.3			
Pentachlorophenol	515.3			
Picloram	515.3			