

COMMONWEALTH OF KENTUCKY

Energy and Environment Cabinet

2025

Drinking Water Laboratory Certification Program

Under The Safe Drinking Water Act and In Accordance with 401 KAR Chapter 8



THIS CERTIFIES THAT

EMSL Analytical, Inc.

200 US 130 N

Cinnaminson, NJ 08077

Laboratory ID Number: KY90123



The above laboratory has complied with Kentucky Administrative Regulation 401 KAR 8:040, Drinking Water Laboratory Certification Program, for the analyses of drinking water samples, as specified in 42 U.S.C. 300f-300j-26, for the method-analyte pairs specified on the attached certification list.

Effective From: January 1, 2025

To: December 31, 2025

A handwritten signature in black ink that reads "Kevin Stewart".

Certification Program Manager
Signed by: Kevin Stewart

KY Category	CAS #	Analyte	Status	Reference Method	Method Code for PT Reporting	MRL	MRL Units
All Other DW Chem Analysis (Incl. RADs)		Asbestos	Certified	EPA 100.1	10004203	0.01	millions of fibers per liter (MFL)
All Other DW Chem Analysis (Incl. RADs)		Asbestos	Certified	EPA 100.2	10004407	0.01	millions of fibers per liter (MFL)
All Other DW Chem Analysis (Incl. RADs)	7440-50-8	Copper, Total	Certified	EPA 200.8	10014605	5	ug/L
All Other DW Chem Analysis (Incl. RADs)		Gross Alpha (Excl. Radon & U)	Certified	EPA 900.0	10308200	3	pCi/L
All Other DW Chem Analysis (Incl. RADs)		Gross Beta	Certified	EPA 900.0	10308200	4	pCi/L
All Other DW Chem Analysis (Incl. RADs)	7439-92-1	Lead, Total (as Pb)	Certified	EPA 200.8	10014605	5	ug/L
All Other DW Chem Analysis (Incl. RADs)	13982-63-3	Radium-226	Certified	EPA 903.0	10309407	1	pCi/L
All Other DW Chem Analysis (Incl. RADs)	15262-20-1	Radium-228	Certified	EPA 904.0	10309805	1	pCi/L
All Other DW Chem Analysis (Incl. RADs)	7440-61-1	Uranium, Total	Certified	EPA 200.8	10014605	1	ug/L
Synthetic Organic Chemicals	13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) (GenX)	Certified	EPA 533	10091619	2	ng/L
Synthetic Organic Chemicals	13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) (GenX)	Certified	EPA 537.1	10091642	2	ng/L
Synthetic Organic Chemicals	375-73-5	Perfluorobutanesulfonic Acid (PFBS)	Certified	EPA 533	10091619	2	ng/L
Synthetic Organic Chemicals	375-73-5	Perfluorobutanesulfonic Acid (PFBS)	Certified	EPA 537.1	10091642	2	ng/L
Synthetic Organic Chemicals	355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	Certified	EPA 533	10091619	2	ng/L
Synthetic Organic Chemicals	355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	Certified	EPA 537.1	10091642	2	ng/L



KY Category	CAS #	Analyte	Status	Reference Method	Method Code for PT Reporting	MRL	MRL Units
Synthetic Organic Chemicals	375-95-1	Perfluorononanoic Acid (PFNA)	Certified	EPA 533	10091619	2	ng/L
Synthetic Organic Chemicals	375-95-1	Perfluorononanoic Acid (PFNA)	Certified	EPA 537.1	10091642	2	ng/L
Synthetic Organic Chemicals	335-67-1	Perfluorooctanoic Acid (PFOA)	Certified	EPA 533	10091619	2	ng/L
Synthetic Organic Chemicals	335-67-1	Perfluorooctanoic Acid (PFOA)	Certified	EPA 537.1	10091642	2	ng/L
Synthetic Organic Chemicals	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	Certified	EPA 533	10091619	2	ng/L
Synthetic Organic Chemicals	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	Certified	EPA 537.1	10091642	1.85	ng/L

