

COMMONWEALTH OF KENTUCKY

Energy and Environment Cabinet

2024

Drinking Water Laboratory Certification Program

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



THIS CERTIFIES THAT

Waypoint Analytical, LLC

2790 Whitten Rd

Memphis, TN 38133

Laboratory ID Number: KY90047



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: May 22, 2024

To: December 31, 2024

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

Certification Program Manager

Signed by: Kevin Stewart

Waypoint Analytical, LLC
90047

Effective: May 22, 2024

KY Category	CAS #	Analyte	Status	Reference Method	Method Code for PT Reporting	MRL	MRL Units
All Other DW Chem Analysis (Incl. RADs)		Alkalinity, Total (as CaCO ₃)	Certified	SM 2320 B 22nd Ed.	20045414	1	mg/L
All Other DW Chem Analysis (Incl. RADs)	7429-90-5	Aluminum, Total (as Al)	Certified	EPA 200.8	10014605	100	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-36-0	Antimony, Total (as Sb)	Certified	EPA 200.8	10014605	5	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-38-2	Arsenic, Total (as As)	Certified	EPA 200.8	10014605	0.50	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-39-3	Barium, Total (as Ba)	Certified	EPA 200.8	10014605	1	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-41-7	Beryllium, Total	Certified	EPA 200.8	10014605	0.50	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-43-9	Cadmium, Total (as Cd)	Certified	EPA 200.8	10014605	0.10	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-70-2	Calcium, total [as Ca]	Certified	EPA 200.7	10013806	0.10	mg/L
All Other DW Chem Analysis (Incl. RADs)	16887-00-6	Chloride	Certified	EPA 300.0	10053200	0.40	mg/L
All Other DW Chem Analysis (Incl. RADs)	7782-50-5	Chlorine	Certified	SM 4500-Cl G 22nd Ed.	20081418	0.07	mg/L
All Other DW Chem Analysis (Incl. RADs)	7440-47-3	Chromium, Total (as Cr)	Certified	EPA 200.8	10014605	1	ug/L
All Other DW Chem Analysis (Incl. RADs)		Color	Certified	SM 2120 B 22nd Ed.	20039014	5	Color Units
All Other DW Chem Analysis (Incl. RADs)		Conductivity	Certified	SM 2510 B 22nd Ed.	20048413	0.01	umhos/cm
All Other DW Chem Analysis (Incl. RADs)	7440-50-8	Copper, Total	Certified	EPA 200.8	10014605	1	ug/L
All Other DW Chem Analysis (Incl. RADs)	57-12-5	Cyanide; Free Cyanide	Certified	SM 4500-CN ⁻ E 22nd Ed.	20096213	0.0050	mg/L
All Other DW Chem Analysis (Incl. RADs)	16984-48-8	Fluoride	Certified	EPA 300.0	10053200	0.1250	mg/L



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All Other DW Chem Analysis (Incl. RADs)		Foaming Agents	Certified	SM 5540 C 22nd Ed.	20144814	0.20	mg/L
All Other DW Chem Analysis (Incl. RADs)		Hardness, Total (as CaCO ₃)	Certified	SM 2340 B 22nd Ed.	20046417		mg/L
All Other DW Chem Analysis (Incl. RADs)	7439-89-6	Iron, Total (as Fe)	Certified	EPA 200.7	10013806	0.10	mg/L
All Other DW Chem Analysis (Incl. RADs)	7439-92-1	Lead, Total (as Pb)	Certified	EPA 200.8	10014605	0.50	ug/L
All Other DW Chem Analysis (Incl. RADs)	7439-95-4	Magnesium, Total (as Mg)	Certified	EPA 200.7	10013806	0.10	mg/L
All Other DW Chem Analysis (Incl. RADs)	7439-96-5	Manganese, Total (as Mn)	Certified	EPA 200.8	10014605	1	ug/L
All Other DW Chem Analysis (Incl. RADs)	7439-97-6	Mercury, Total (as Hg)	Certified	EPA 245.1	10036609	0.0002	mg/L
All Other DW Chem Analysis (Incl. RADs)	7440-02-0	Nickel, Total (as Ni)	Certified	EPA 200.8	10014605	0.50	ug/L
All Other DW Chem Analysis (Incl. RADs)	84145-82-4	Nitrate	Certified	EPA 300.0	10053200	0.10	mg/L
All Other DW Chem Analysis (Incl. RADs)		Nitrate-Nitrite (as N)	Certified	EPA 300.0	10053200	0.10	mg/L
All Other DW Chem Analysis (Incl. RADs)	14797-65-0	Nitrite	Certified	EPA 300.0	10053200	0.10	mg/L
All Other DW Chem Analysis (Incl. RADs)		Odor	Certified	SM 2150 B 22nd Ed.	20043612	1	threshold odor number
All Other DW Chem Analysis (Incl. RADs)	7782-49-2	Selenium, Total (as Se)	Certified	EPA 200.8	10014605	1	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-22-4	Silver, Total (as Ag)	Certified	EPA 200.8	10014605	0.10	ug/L
All Other DW Chem Analysis (Incl. RADs)	7440-23-5	Sodium, Total (as Na)	Certified	EPA 200.7	10013806	0.50	mg/L
All Other DW Chem Analysis (Incl. RADs)		Solids, Total Dissolved	Certified	SM 2540 C 22nd Ed.	20050424	2.50	mg/L



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All Other DW Chem Analysis (Incl. RADs)	14808-79-8	Sulfate, Total (as SO4)	Certified	EPA 300.0	10053200	1	mg/L
All Other DW Chem Analysis (Incl. RADs)	7440-28-0	Thallium, Total	Certified	EPA 200.8	10014605	0.20	ug/L
All Other DW Chem Analysis (Incl. RADs)		Turbidity	Certified	SM 2130 B 22nd Ed.	20042619	1	NTU
All Other DW Chem Analysis (Incl. RADs)	7440-66-6	Zinc, Total (as Zn)	Certified	EPA 200.8	10014605	10	ug/L
All Other DW Chem Analysis (Incl. RADs)	264888-19-9	o-Phosphate	Certified	SM 4500-P E 22nd Ed.	20124010	0.0250	mg/L
All Other DW Chem Analysis (Incl. RADs)		pH	Certified	SM 4500-H+ B 22nd Ed.	20105015		S.U.
DW Microbiology (Incl. Cryptosporidium)		Coliform, Total	Certified	Colilert 18 [®] - MPN	20213609		N/A
DW Microbiology (Incl. Cryptosporidium)		Coliform, Total	Certified	Colilert 18 [®] - Presence/Absence	20214602		N/A
DW Microbiology (Incl. Cryptosporidium)		Coliform, Total	Certified	Colilert [®] - MPN	20211001		N/A
DW Microbiology (Incl. Cryptosporidium)		Coliform, Total	Certified	Colilert [®] -Presence/Absence	20212004		N/A
DW Microbiology (Incl. Cryptosporidium)		E. Coli	Certified	Colilert 18 [®] - MPN	20213609		N/A
DW Microbiology (Incl. Cryptosporidium)		E. Coli	Certified	Colilert 18 [®] - Presence/Absence	20214602		N/A
DW Microbiology (Incl. Cryptosporidium)		E. Coli	Certified	Colilert [®] - MPN	20211001		N/A
DW Microbiology (Incl. Cryptosporidium)		E. Coli	Certified	Colilert [®] -Presence/Absence	20212004		N/A
DW Microbiology (Incl. Cryptosporidium)		Heterotrophic Plate Count (HPC)	Certified	SM 9215 B 22nd Ed.	20179811		N/A
Disinfection By-Products		Carbon, Total Organic	Certified	SM 5310 C 22nd Ed.	20138618	1	mg/L
Disinfection By-Products		Haloacetic Acid 5	Certified	SM 6251 B 22nd Ed.	20149013	2	ug/L



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Disinfection By-Products		Trihalomethanes (Total)	Certified	EPA 524.2	10088809	0.50	ug/L
Synthetic Organic Chemicals	96-12-8	1,2-Dibromo-3-chloropropane	Certified	EPA 504.1	10082801	0.02	ug/L
Synthetic Organic Chemicals	106-93-4	1,2-Dibromoethane (EDB)	Certified	EPA 504.1	10082801	0.02	ug/L
Volatile Organic Chemicals	71-55-6	1,1,1-Trichloroethane	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	79-00-5	1,1,2-Trichloroethane	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	75-35-4	1,1-Dichloroethylene	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	120-82-1	1,2,4-Trichlorobenzene	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	95-50-1	1,2-Dichlorobenzene	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	107-06-2	1,2-Dichloroethane (EDC)	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	78-87-5	1,2-Dichloropropane	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	106-46-7	1,4-Dichlorobenzene	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	71-43-2	Benzene	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	56-23-5	Carbon Tetrachloride	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	108-90-7	Chlorobenzene	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	156-59-2	Cis-1,2-Dichloroethylene	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	75-09-2	Dichloromethane (Methylene chloride)	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	100-41-4	Ethylbenzene	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	100-42-5	Styrene	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	127-18-4	Tetrachloroethylene (PCE)	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	108-88-3	Toluene	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	79-01-6	Trichloroethylene	Certified	EPA 524.2	10088809	0.50	ug/L
Volatile Organic Chemicals	75-01-4	Vinyl Chloride	Certified	EPA 524.2	10088809	0.50	ug/L



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Volatile Organic Chemicals	1330-20-7	Xylenes (Total)	Certified	EPA 524.2	10088809	1.50	ug/L
Volatile Organic Chemicals	156-60-5	trans-1,2-Dichloroethylene	Certified	EPA 524.2	10088809	0.50	ug/L

