



The State of Tennessee

DEPARTMENT OF ENVIRONMENT AND CONSERVATION

DIVISION OF WATER RESOURCES

Certifies That

Waypoint Analytical, LLC

*Having Met the Requirements of the Regulations for the
Certification of Laboratories Analyzing Drinking Water
is hereby Approved as a*

State Certified Laboratory in Chemistry

*To perform the Analyses as Indicated on the
Certified Parameter List For the Public Water Systems of Tennessee*

Laboratory ID Number 02027

Prasad Subbanna

Prasad Subbanna
Laboratory Certification Program Manager
Division of Water Resources

Issue/Effective Date: 02-10-2023

Expiration Date: 11-14-2025

*This certification is subject to performance on E.P.A.
Proficiency Testing Samples, laboratory inspections,
payment of annual fees, is nontransferable, and
supersedes previously issued certificates.*



The State of Tennessee

DEPARTMENT OF ENVIRONMENT AND CONSERVATION

DIVISION OF WATER RESOURCES

Certifies That

Waypoint Analytical, LLC – Memphis Lab

*Having Met the Requirements of the Regulations for the
Certification of Laboratories Analyzing Drinking Water
is hereby Approved as a*

State Certified Laboratory in Microbiology

*To perform the Analyses as Indicated on the
Certified Parameter List For the Public Water Systems of Tennessee*

Laboratory ID Number 02027

Prasad Subbanna

Prasad Subbanna
Laboratory Certification Program Manager
Division of Water Resources

Issue: 01-17-2023

Expiration Date: 11-14-2025

*This certification is subject to performance on E.P.A.
Proficiency Testing Samples, laboratory inspections,
payment of annual fees, is nontransferable, and
supersedes previously issued certificates.*

Certified Parameters - Selected Year

TENNESSEE

Waypoint Analytical, LLC (Memphis)

TN02027

EPA # TN00012

9/4/2024

Attn: Richard Medina
2790 Whitten Road
Memphis, TN 38133

<u>Parameter</u>	<u>EPA Parameter #</u>	<u>Approved Method</u>	<u>Study Type</u>	<u>Date Accepted</u>	<u>PT Provider / WS #</u>
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	<u>EPA</u>	<u>Approved</u>		<u>Date</u>	
Disinfectant Residuals					
Total Chlorine Residual	1940 / 1012	SM - 4500-CI G	Proficiency Test	4/18/2024	ERA / WS-332
Total Chlorine Residual	1940 / 1012	SM - 4500-CI G	Proficiency Test	4/18/2024	ERA / WS-332
Disinfection By-Products					
HAA					
Bromoacetic Acid (HAA5)	9312 / 2453	EPA - 552.2	Proficiency Test	4/19/2024	ERA / 032924J
Bromoacetic Acid (HAA5)	9312 / 2453	EPA - 552.2	Proficiency Test	1/10/2024	ERA / 121223J
Bromoacetic Acid (HAA5)	9312 / 2453	SM - 6251 B	Proficiency Test	4/19/2024	ERA / 032924J
Chloroacetic Acid (HAA5)	9336 / 2450	EPA - 552.2	Proficiency Test	4/19/2024	ERA / 032924J
Chloroacetic Acid (HAA5)	9336 / 2450	SM - 6251 B	Proficiency Test	4/19/2024	ERA / 032924J
Chloroacetic Acid (HAA5)	9336 / 2450	EPA - 552.2	Proficiency Test	1/10/2024	ERA / 121223J
Dibromoacetic Acid (HAA5)	9357 / 2454	EPA - 552.2	Proficiency Test	1/10/2024	ERA / 121223J
Dibromoacetic Acid (HAA5)	9357 / 2454	EPA - 552.2	Proficiency Test	4/19/2024	ERA / 032924J
Dibromoacetic Acid (HAA5)	9357 / 2454	SM - 6251 B	Proficiency Test	4/19/2024	ERA / 032924J
Dichloroacetic Acid (HAA5)	9360 / 2451	SM - 6251 B	Proficiency Test	4/19/2024	ERA / 032924J
Dichloroacetic Acid (HAA5)	9360 / 2451	EPA - 552.2	Proficiency Test	1/10/2024	ERA / 121223J
Dichloroacetic Acid (HAA5)	9360 / 2451	EPA - 552.2	Proficiency Test	4/19/2024	ERA / 032924J
Trichloroacetic Acid (HAA5)	9642 / 2452	SM - 6251 B	Proficiency Test	4/19/2024	ERA / 032924J
Trichloroacetic Acid (HAA5)	9642 / 2452	EPA - 552.2	Proficiency Test	1/10/2024	ERA / 121223J
Trichloroacetic Acid (HAA5)	9642 / 2452	EPA - 552.2	Proficiency Test	4/19/2024	ERA / 032924J
THM					
Bromodichloromethane	4395 / 2943	EPA - 524.2	Proficiency Test	5/17/2024	ERA / 042324N
Bromoform	4400 / 2942	EPA - 524.2	Proficiency Test	5/17/2024	ERA / 042324N
Chlorodibromomethane	4575 / 2944	EPA - 524.2	Proficiency Test	5/17/2024	ERA / 042324N
Chloroform	4505 / 2941	EPA - 524.2	Proficiency Test	5/17/2024	ERA / 042324N
Inorganics					
Calcium	1035 / 1016	EPA - 200.7	Proficiency Test	4/18/2024	ERA / WS-332
Chloride	1575 / 1017	EPA - 300.0	Proficiency Test	4/18/2024	ERA / WS-332
Color	1605 / 1905	SM - 2120 B	Proficiency Test	5/23/2024	ERA / WS-333
Conductivity	1610 / 1064	SM - 2510 B	Proficiency Test	4/18/2024	ERA / WS-332
Cyanide	1635 / 1024	SM - 4500-CN-E	Proficiency Test	5/17/2024	ERA / 042324N
Fluoride	1730 / 1025	EPA - 300.0	Proficiency Test	4/18/2024	ERA / WS-332
<u>Parameter</u>	<u>Parameter #</u>	<u>Method</u>	<u>Study Type</u>	<u>Accepted</u>	<u>PT Provider / WS #</u>
Hardness, Total (as CaCO3)	1755 / 1915	SM - 2340B	Proficiency Test	4/18/2024	ERA / WS-332
Iron	1070 / 1028	EPA - 200.7	Proficiency Test	4/18/2024	ERA / WS-332
MBAS (Foaming Agent)	2025 / 1089	SM - 5540 C	Proficiency Test	5/23/2024	ERA / WS-333
Nitrate	1810 / 1040	EPA - 300.0	Proficiency Test	4/18/2024	ERA / WS-332
Nitrate + Nitrite	1820 / 1038	EPA - 300.0	Proficiency Test	4/18/2024	ERA / WS-332
Nitrite	1840 / 1041	EPA - 300.0	Proficiency Test	4/18/2024	ERA / WS-332

	<u>EPA</u>	<u>Approved</u>		<u>Date</u>	
Ortho-phosphate	1870 / 1044	SM - 4500-P E	Proficiency Test	4/18/2024	ERA / WS-332
Ortho-phosphate	1870 / 1044	SM - 4500-P E	Proficiency Test	4/18/2024	ERA / WS-332
pH	1900 / 1925	SM - 4500-H+B	Proficiency Test	4/18/2024	ERA / WS-332
Potassium	1125 / 1042	EPA - 200.7	Proficiency Test	4/18/2024	ERA / WS-332
Silica	1990 / 1049	EPA - 200.7	Proficiency Test	8/16/2024	ERA / 080224O
Sodium	1155 / 1052	EPA - 200.7	Proficiency Test	4/18/2024	ERA / WS-332
Sulfate	2000 / 1055	EPA - 300.0	Proficiency Test	4/18/2024	ERA / WS-332
Total Dissolved Solids	1955 / 1930	SM - 2540 C	Proficiency Test	4/18/2024	ERA / WS-332
Total Organic Carbon(TOC)	2040 / 2920	SM - 5310 C	Proficiency Test	4/18/2024	ERA / WS-332
Total Organic Carbon(TOC)	2040 / 2920	SM - 5310 C	Proficiency Test	4/18/2024	ERA / WS-332
Turbidity	2055 / 0100	SM - 2130 B	Proficiency Test	4/18/2024	ERA / WS-332
Odor	N / A	SM - 2150 B	Onsite Demo	8/28/2024	N / A
Alkalinity, Total	1505 / 1927	SM - 2320 B	Proficiency Test	4/18/2024	ERA / WS-332

Metals

Antimony	1005 / 1074	EPA - 200.8	Proficiency Test	4/18/2024	ERA / WS-332
Arsenic	1010 / 1005	EPA - 200.8	Proficiency Test	4/18/2024	ERA / WS-332
Barium	1015 / 1010	EPA - 200.8	Proficiency Test	4/18/2024	ERA / WS-332
Barium	1015 / 1010	EPA - 200.7	Proficiency Test	4/18/2024	ERA / WS-332
Beryllium	1020 / 1075	EPA - 200.8	Proficiency Test	4/18/2024	ERA / WS-332
Beryllium	1020 / 1075	EPA - 200.7	Proficiency Test	4/18/2024	ERA / WS-332
Cadmium	1030 / 1015	EPA - 200.8	Proficiency Test	4/18/2024	ERA / WS-332
Cadmium	1030 / 1015	EPA - 200.7	Proficiency Test	4/18/2024	ERA / WS-332
Chromium	1040 / 1020	EPA - 200.7	Proficiency Test	4/18/2024	ERA / WS-332
Chromium	1040 / 1020	EPA - 200.8	Proficiency Test	4/18/2024	ERA / WS-332
Copper	1055 / 1022	EPA - 200.7	Proficiency Test	4/18/2024	ERA / WS-332
Copper	1055 / 1022	EPA - 200.8	Proficiency Test	1/10/2024	ERA / 121223J
Copper	1055 / 1022	EPA - 200.8	Proficiency Test	4/18/2024	ERA / WS-332
Lead	1075 / 5000	EPA - 200.8	Proficiency Test	4/18/2024	ERA / WS-332
Magnesium	1085 / 1031	EPA - 200.7	Proficiency Test	4/18/2024	ERA / WS-332
Manganese	1090 / 1032	EPA - 200.7	Proficiency Test	4/18/2024	ERA / WS-332
Manganese	1090 / 1032	EPA - 200.8	Proficiency Test	4/18/2024	ERA / WS-332
Mercury	1095 / 1035	EPA - 245.1	Proficiency Test	4/18/2024	ERA / WS-332
Nickel	1105 / 1036	EPA - 200.8	Proficiency Test	4/18/2024	ERA / WS-332
Nickel	1105 / 1036	EPA - 200.7	Proficiency Test	4/18/2024	ERA / WS-332

<u>Parameter</u>	<u>EPA Parameter #</u>	<u>Approved Method</u>	<u>Study Type</u>	<u>Date Accepted</u>	<u>PT Provider / WS #</u>
Selenium	1140 / 1045	EPA - 200.8	Proficiency Test	4/18/2024	ERA / WS-332
Thallium	1165 / 1085	EPA - 200.8	Proficiency Test	4/18/2024	ERA / WS-332
Aluminum	1000 / 1002	EPA - 200.8	Proficiency Test	6/5/2024	ERA / 052124C
Aluminum	1000 / 1002	EPA - 200.7	Proficiency Test	4/18/2024	ERA / WS-332
Silver	1150 / 1050	EPA - 200.8	Proficiency Test	4/18/2024	ERA / WS-332
Silver	1150 / 1050	EPA - 200.7	Proficiency Test	4/18/2024	ERA / WS-332
Zinc	1190 / 1095	EPA - 200.7	Proficiency Test	4/18/2024	ERA / WS-332
Zinc	1190 / 1095	EPA - 200.8	Proficiency Test	4/18/2024	ERA / WS-332

Microbiologicals

Escherichia coli, Colilert - QuantiTray	2525 / 3014	SM - 9223B-PA	Proficiency Test	5/23/2024	ERA / WS-333
Escherichia coli, Colilert-18	2525 / 3014	SM - 9223B-PA	Proficiency Test	5/23/2024	ERA / WS-333
Heterotrophic Bacteria, Pour plate metho	2555 / 3001	SM - 9215 B	Proficiency Test	4/18/2024	ERA / WS-332
Heterotrophic Bacteria, Pour plate metho	2555 / 3001	SM - 9215 B	Proficiency Test	4/18/2024	ERA / WS-332
Heterotrophic Bacteria, Pour plate metho	2555 / 3001	SM - 9215 B	Proficiency Test	4/18/2024	ERA / WS-332
Total Coliform, Colilert-18	2500 / 3000	SM - 9223B-PA	Proficiency Test	4/18/2024	ERA / WS-332
Total Coliform, Colilert-18	2500 / 3000	SM - 9223B-PA	Proficiency Test	4/18/2024	ERA / WS-332
Total Coliform, Colilert-QuantiTray	2500 / 3000	SM - 9223	Proficiency Test	4/18/2024	ERA / WS-332
Total Coliform, Colilert-QuantiTray	2500 / 3000	SM - 9223	Proficiency Test	5/23/2024	ERA / WS-333
Total Coliform, Colilert-QuantiTray 18hr	2500 / 3000	SM - 9223	Proficiency Test	5/23/2024	ERA / WS-333

Organics

DBCP (Dibromochloropropane)	4570 / 2931	EPA - 504.1	Proficiency Test	4/18/2024	ERA / WS-332
EDB (Ethylene dibromide)	4585 / 2946	EPA - 504.1	Proficiency Test	4/18/2024	ERA / WS-332

VOCs - Regulated

1,1,1-Trichloroethane	5160 / 2981	EPA - 524.2	Proficiency Test	4/18/2024	ERA / WS-332
1,1,2-Trichloroethane	5165 / 2985	EPA - 524.2	Proficiency Test	4/18/2024	ERA / WS-332
1,1-Dichloroethylene	4640 / 2977	EPA - 524.2	Proficiency Test	4/18/2024	ERA / WS-332
1,2,4-Trichlorobenzene	5155 / 2378	EPA - 524.2	Proficiency Test	4/18/2024	ERA / WS-332
1,2-Dichlorobenzene	4610 / 2968	EPA - 524.2	Proficiency Test	4/18/2024	ERA / WS-332
1,2-Dichloroethane	4635 / 2980	EPA - 524.2	Proficiency Test	4/18/2024	ERA / WS-332
1,2-Dichloropropane	4655 / 2983	EPA - 524.2	Proficiency Test	4/18/2024	ERA / WS-332
1,4-Dichlorobenzene	4620 / 2969	EPA - 524.2	Proficiency Test	4/18/2024	ERA / WS-332
Benzene	4375 / 2990	EPA - 524.2	Proficiency Test	4/18/2024	ERA / WS-332
Carbon Tetrachloride	4455 / 2982	EPA - 524.2	Proficiency Test	4/18/2024	ERA / WS-332
Chlorobenzene	4475 / 2989	EPA - 524.2	Proficiency Test	4/18/2024	ERA / WS-332
cis-1,2-Dichloroethylene	4645 / 2380	EPA - 524.2	Proficiency Test	4/18/2024	ERA / WS-332
Ethylbenzene	4765 / 2992	EPA - 524.2	Proficiency Test	4/18/2024	ERA / WS-332

<u>Parameter</u>	<u>EPA Parameter #</u>	<u>Approved Method</u>	<u>Study Type</u>	<u>Date Accepted</u>	<u>PT Provider / WS #</u>
Methylene chloride (dichloromethane)	4975 / 2964	EPA - 524.2	Proficiency Test	4/18/2024	ERA / WS-332
Styrene	5100 / 2996	EPA - 524.2	Proficiency Test	4/18/2024	ERA / WS-332
Tetrachloroethylene	5115 / 2987	EPA - 524.2	Proficiency Test	4/18/2024	ERA / WS-332
Toluene	5140 / 2991	EPA - 524.2	Proficiency Test	4/18/2024	ERA / WS-332
Total Xylenes	5260 / 2955	EPA - 524.2	Proficiency Test	4/18/2024	ERA / WS-332
trans-1,2-dichloroethylene	4700 / 2979	EPA - 524.2	Proficiency Test	4/18/2024	ERA / WS-332
Trichloroethylene	5170 / 2984	EPA - 524.2	Proficiency Test	4/18/2024	ERA / WS-332
Vinyl Chloride	5235 / 2976	EPA - 524.2	Proficiency Test	4/18/2024	ERA / WS-332