



*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  
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  
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 - 2023

TENNESSEE

Waypoint Analytical, LLC (Memphis)

TN02027

EPA # TN00012

3/4/2024

Attn: Richard Medina  
2790 Whitten Road  
Memphis, TN 38133

Parameter	EPA Parameter #	Approved Method	Study Type	Date Complete	PT Provider / WS #
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**Disinfectant Residuals**

Total Chlorine Residual	1012	SM - 4500-Cl G	Proficiency Test	6/12/2023	ERA / 052223B
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**Disinfection By-Products**

**HAA**

Bromoacetic Acid (HAA5)	2453	EPA - 552.2	Proficiency Test	1/10/2024	ERA / 121223J
Bromoacetic Acid (HAA5)	2453	EPA - 552.2	Proficiency Test	11/20/2023	ERA / WS-327
Bromoacetic Acid (HAA5)	2453	SM - 6251 B	Proficiency Test	11/20/2023	ERA / WS-327
Bromoacetic Acid (HAA5)	2453	SM - 6251 B	Proficiency Test	5/18/2023	ERA / 042623K
Chloroacetic Acid (HAA5)	2450	SM - 6251 B	Proficiency Test	11/20/2023	ERA / WS-327
Chloroacetic Acid (HAA5)	2450	SM - 6251 B	Proficiency Test	5/18/2023	ERA / 042623K
Chloroacetic Acid (HAA5)	2450	EPA - 552.2	Proficiency Test	11/20/2023	ERA / WS-327
Chloroacetic Acid (HAA5)	2450	EPA - 552.2	Proficiency Test	1/10/2024	ERA / 121223J
Dibromoacetic Acid (HAA5)	2454	SM - 6251 B	Proficiency Test	5/18/2023	ERA / 042623K
Dibromoacetic Acid (HAA5)	2454	SM - 6251 B	Proficiency Test	11/20/2023	ERA / WS-327
Dibromoacetic Acid (HAA5)	2454	EPA - 552.2	Proficiency Test	11/20/2023	ERA / WS-327
Dibromoacetic Acid (HAA5)	2454	EPA - 552.2	Proficiency Test	1/10/2024	ERA / 121223J
Dichloroacetic Acid (HAA5)	2451	EPA - 552.2	Proficiency Test	1/10/2024	ERA / 121223J
Dichloroacetic Acid (HAA5)	2451	EPA - 552.2	Proficiency Test	11/20/2023	ERA / WS-327
Dichloroacetic Acid (HAA5)	2451	SM - 6251 B	Proficiency Test	11/20/2023	ERA / WS-327
Dichloroacetic Acid (HAA5)	2451	SM - 6251 B	Proficiency Test	5/18/2023	ERA / 042623K
Trichloroacetic Acid (HAA5)	2452	SM - 6251 B	Proficiency Test	5/18/2023	ERA / 042623K
Trichloroacetic Acid (HAA5)	2452	EPA - 552.2	Proficiency Test	1/10/2024	ERA / 121223J
Trichloroacetic Acid (HAA5)	2452	SM - 6251 B	Proficiency Test	11/20/2023	ERA / WS-327
Trichloroacetic Acid (HAA5)	2452	EPA - 552.2	Proficiency Test	11/20/2023	ERA / WS-327

**THM**

Bromodichloromethane	2943	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
Bromodichloromethane	2943	EPA - 524.2	Proficiency Test	11/20/2023	ERA / WS-327
Bromoform	2942	EPA - 524.2	Proficiency Test	11/20/2023	ERA / WS-327
Bromoform	2942	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
Chlorodibromomethane	2944	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
Chlorodibromomethane	2944	EPA - 524.2	Proficiency Test	11/20/2023	ERA / WS-327
Chloroform	2941	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
Chloroform	2941	EPA - 524.2	Proficiency Test	11/20/2023	ERA / WS-327

**Inorganics**

<u>Parameter</u>	<u>EPA Parameter #</u>	<u>Approved Method</u>	<u>Study Type</u>	<u>Date Complete</u>	<u>PT Provider / WS #</u>
Calcium	1016	EPA - 200.7	Proficiency Test	4/20/2023	ERA / WS-320
Chloride	1017	EPA - 300.0	Proficiency Test	4/20/2023	ERA / WS-320
Color	1905	SM - 2120 B	Proficiency Test	3/23/2023	ERA / 030123I
Conductivity	1064	SM - 2510 B	Proficiency Test	4/20/2023	ERA / WS-320
Cyanide	1024	SM - 4500-CN-E	Proficiency Test	4/20/2023	ERA / WS-320
Fluoride	1025	EPA - 300.0	Proficiency Test	4/20/2023	ERA / WS-320
Hardness, Total (as CaCO3)	1915	SM - 2340B	Proficiency Test	4/20/2023	ERA / WS-320
Iron	1028	EPA - 200.7	Proficiency Test	4/20/2023	ERA / WS-320
MBAS (Foaming Agent)	1089	SM - 5540 C	Proficiency Test	5/25/2023	ERA / WS-321
Nitrate	1040	EPA - 300.0	Proficiency Test	4/20/2023	ERA / WS-320
Nitrate + Nitrite	1038	EPA - 300.0	Proficiency Test	4/20/2023	ERA / WS-320
Nitrite	1041	EPA - 300.0	Proficiency Test	4/20/2023	ERA / WS-320
Odor	1920	SM - 2150 B	Proficiency Test	5/5/2023	RTC / WS23-2
Ortho-phosphate	1044	SM - 4500-P E	Proficiency Test	4/20/2023	ERA / WS-320
pH	1925	SM - 4500-H+B	Proficiency Test	4/20/2023	ERA / WS-320
Potassium	1042	EPA - 200.7	Proficiency Test	4/20/2023	ERA / WS-320
Sodium	1052	EPA - 200.7	Proficiency Test	4/20/2023	ERA / WS-320
Sulfate	1055	EPA - 300.0	Proficiency Test	4/20/2023	ERA / WS-320
Total Dissolved Solids	1930	SM - 2540 C	Proficiency Test	4/20/2023	ERA / WS-320
Total Organic Carbon(TOC)	2920	SM - 5310 C	Proficiency Test	4/20/2023	ERA / WS-320
Turbidity	0100	SM - 2130 B	Proficiency Test	4/20/2023	ERA / WS-320
Alkalinity, Total	1927	SM - 2320 B	Proficiency Test	4/20/2023	ERA / WS-320

**Metals**

Antimony	1074	EPA - 200.8	Proficiency Test	4/20/2023	ERA / WS-320
Arsenic	1005	EPA - 200.8	Proficiency Test	4/20/2023	ERA / WS-320
Barium	1010	EPA - 200.7	Proficiency Test	4/20/2023	ERA / WS-320
Barium	1010	EPA - 200.8	Proficiency Test	4/20/2023	ERA / WS-320
Beryllium	1075	EPA - 200.8	Proficiency Test	4/20/2023	ERA / WS-320
Beryllium	1075	EPA - 200.7	Proficiency Test	5/18/2023	ERA / 042623K
Cadmium	1015	EPA - 200.8	Proficiency Test	4/20/2023	ERA / WS-320
Cadmium	1015	EPA - 200.7	Proficiency Test	4/20/2023	ERA / WS-320
Chromium	1020	EPA - 200.8	Proficiency Test	4/20/2023	ERA / WS-320
Chromium	1020	EPA - 200.7	Proficiency Test	4/20/2023	ERA / WS-320
Copper	1022	EPA - 200.8	Proficiency Test	4/20/2023	ERA / WS-320
Copper	1022	EPA - 200.7	Proficiency Test	4/20/2023	ERA / WS-320
Copper	1022	EPA - 200.8	Proficiency Test	1/10/2024	ERA / 121223J
Lead	5000	EPA - 200.8	Proficiency Test	11/20/2023	ERA / WS-327
Lead	5000	EPA - 200.8	Proficiency Test	11/20/2023	ERA / WS-327
Lead	5000	EPA - 200.8	Proficiency Test	4/20/2023	ERA / WS-320
Magnesium	1031	EPA - 200.7	Proficiency Test	4/20/2023	ERA / WS-320

<u>Parameter</u>	<u>EPA Parameter #</u>	<u>Approved Method</u>	<u>Study Type</u>	<u>Date Complete</u>	<u>PT Provider / WS #</u>
Manganese	1032	EPA - 200.8	Proficiency Test	4/20/2023	ERA / WS-320
Manganese	1032	EPA - 200.7	Proficiency Test	4/20/2023	ERA / WS-320
Mercury	1035	EPA - 245.1	Proficiency Test	4/20/2023	ERA / WS-320
Nickel	1036	EPA - 200.7	Proficiency Test	4/20/2023	ERA / WS-320
Nickel	1036	EPA - 200.8	Proficiency Test	4/20/2023	ERA / WS-320
Selenium	1045	EPA - 200.8	Proficiency Test	4/20/2023	ERA / WS-320
Thallium	1085	EPA - 200.8	Proficiency Test	4/20/2023	ERA / WS-320
Aluminum	1002	EPA - 200.8	Proficiency Test	4/20/2023	ERA / WS-320
Aluminum	1002	EPA - 200.7	Proficiency Test	5/18/2023	ERA / 042623K
Silver	1050	EPA - 200.8	Proficiency Test	4/20/2023	ERA / WS-320
Silver	1050	EPA - 200.7	Proficiency Test	4/20/2023	ERA / WS-320
Zinc	1095	EPA - 200.8	Proficiency Test	4/20/2023	ERA / WS-320
Zinc	1095	EPA - 200.7	Proficiency Test	4/20/2023	ERA / WS-320

### Microbiologicals

Escherichia coli, Colilert	3014	SM - 9223	Proficiency Test	4/20/2023	ERA / WS-320
Escherichia coli, Colilert - QuantiTray	3014	SM - 9223	Proficiency Test	4/20/2023	ERA / WS-320
Escherichia coli, Colilert - QuantiTray	3014	SM - 9223	Proficiency Test	5/25/2023	ERA / WS-321
Escherichia coli, Colilert-18	3014	SM - 9223	Proficiency Test	4/20/2023	ERA / WS-320
Heterotrophic Bacteria, Pour plate metho	3001	SM - 9215 B	Proficiency Test	4/20/2023	ERA / WS-320
Total Coliform, Colilert	3000	SM - 9223	Proficiency Test	4/20/2023	ERA / WS-320
Total Coliform, Colilert-18	3000	SM - 9223	Proficiency Test	4/20/2023	ERA / WS-320
Total Coliform, Colilert-QuantiTray	3000	SM - 9223	Proficiency Test	4/20/2023	ERA / WS-320
Total Coliform, Colilert-QuantiTray	3000	SM - 9223	Proficiency Test	5/25/2023	ERA / WS-321

### Organics

DBCP (Dibromochloropropane)	2931	EPA - 504.1	Proficiency Test	4/20/2023	ERA / WS-320
Ethylene dibromide (EDB)	2946	EPA - 504.1	Proficiency Test	5/18/2023	ERA / 042623K

### VOCs - Regulated

1,1,1-Trichloroethane	2981	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
1,1,2-Trichloroethane	2985	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
1,1-Dichloroethylene	2977	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
1,2,4-Trichlorobenzene	2378	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
1,2-Dichlorobenzene	2968	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
1,2-Dichloroethane	2980	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
1,2-Dichloropropane	2983	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
1,4-Dichlorobenzene	2969	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
Benzene	2990	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
Carbon Tetrachloride	2982	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
Chlorobenzene	2989	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320

<u>Parameter</u>	<u>EPA Parameter #</u>	<u>Approved Method</u>	<u>Study Type</u>	<u>Date Complete</u>	<u>PT Provider / WS #</u>
cis-1,2-Dichloroethylene	2380	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
Ethylbenzene	2992	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
Methylene chloride (dichloromethane)	2964	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
Styrene	2996	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
Tetrachloroethylene	2987	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
Toluene	2991	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
Total Xylenes	2955	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
trans-1,2-dichloroethylene	2979	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
Trichloroethylene	2984	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320
Vinyl Chloride	2976	EPA - 524.2	Proficiency Test	4/20/2023	ERA / WS-320