



*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: 10-15-2025

Expiration Date: 8-11-2028

*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/Effective Date: 10-15-2025

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# Certified Parameters - Selected Year

TENNESSEE

Waypoint Analytical, LLC (Memphis)

TN02027

EPA # TN00012

10/17/2025

Attn: Richard Medina  
2790 Whitten Road  
Memphis, TN 38133

| Parameter                       | Sample # | EPA<br>Parameter # | Approved<br>Method | Study Type       | Date<br>Accepted | PT Provider / WS # |
|---------------------------------|----------|--------------------|--------------------|------------------|------------------|--------------------|
| <b>Disinfectant Residuals</b>   |          |                    |                    |                  |                  |                    |
| Total Chlorine Residual         | 001      | 1940 / 1012        | SM - 4500-Cl G     | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| <b>Disinfection By-Products</b> |          |                    |                    |                  |                  |                    |
| <b>HAA</b>                      |          |                    |                    |                  |                  |                    |
| Trichloroacetic Acid (HAA5)     | 001      | 9642 / 2452        | SM - 6251 B        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Trichloroacetic Acid (HAA5)     | 001      | 9642 / 2452        | EPA - 552.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Dichloroacetic Acid (HAA5)      | 001      | 9360 / 2451        | SM - 6251 B        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Dichloroacetic Acid (HAA5)      | 001      | 9360 / 2451        | EPA - 552.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Dibromoacetic Acid (HAA5)       | 001      | 9357 / 2454        | SM - 6251 B        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Dibromoacetic Acid (HAA5)       | 001      | 9357 / 2454        | EPA - 552.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Chloroacetic Acid (HAA5)        | 001      | 9336 / 2450        | SM - 6251 B        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Chloroacetic Acid (HAA5)        | 001      | 9336 / 2450        | EPA - 552.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Bromoacetic Acid (HAA5)         | 001      | 9312 / 2453        | EPA - 552.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Bromoacetic Acid (HAA5)         | 001      | 9312 / 2453        | SM - 6251 B        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| <b>THM</b>                      |          |                    |                    |                  |                  |                    |
| Chloroform                      | 002      | 4505 / 2941        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Chlorodibromomethane            | 002      | 4575 / 2944        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Bromoform                       | 002      | 4400 / 2942        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Bromodichloromethane            | 002      | 4395 / 2943        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| <b>Inorganics</b>               |          |                    |                    |                  |                  |                    |
| Total Cyanide                   |          | 1645 / 1024        | SM - 4500-CN-      | Proficiency Test | 4/15/2025        | ERA / 031825A      |
| Silica                          |          | 1990 / 1049        | EPA - 200.7        | Proficiency Test | 4/15/2025        | ERA / 031825A      |
| MBAS (Foaming Agent)            |          | 2025 / 1089        | SM - 5540 C        | Proficiency Test | 4/15/2025        | ERA / 031825A      |
| Turbidity                       | 001      | 2055 / 0100        | SM - 2130 B        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Total Hardness as CaCO3         | 001      | 1755 / 1915        | SM - 2340B         | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Total Dissolved Solids          | 001      | 1955 / 1930        | SM - 2540 C        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| TOC (total organic carbon)      | 001      | 2040 / 2920        | SM - 5310 C        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Sulfate                         | 001      | 2000 / 1055        | EPA - 300.0        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Sodium                          | 001      | 1155 / 1052        | EPA - 200.7        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Potassium                       | 001      | 1125 / 1042        | EPA - 200.7        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| pH                              | 001      | 1900 / 1925        | SM - 4500-H+B      | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Ortho-phosphate                 | 001      | 1870 / 1044        | SM - 4500-P E      | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Nitrite                         | 001      | 1840 / 1041        | EPA - 300.0        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Nitrate + Nitrite               | 001      | 1820 / 1038        | EPA - 300.0        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Nitrate                         | 001      | 1810 / 1040        | EPA - 300.0        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Iron                            | 001      | 1070 / 1028        | EPA - 200.7        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Fluoride                        | 001      | 1730 / 1025        | EPA - 300.0        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Cyanide                         | 001      | 1635 / 1024        | SM - 4500-CN-      | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Conductivity                    | 001      | 1610 / 1064        | SM - 2510 B        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Color                           | 001      | 1605 / 1905        | SM - 2120 B        | Proficiency Test | 5/22/2025        | ERA / WS-345       |
| Odor                            |          |                    | SM - 2150 B        |                  |                  | No PT Study        |

| Parameter                                | Sample # | EPA<br>Parameter # | Approved<br>Method | Study Type       | Date<br>Accepted | PT Provider / WS # |
|------------------------------------------|----------|--------------------|--------------------|------------------|------------------|--------------------|
| Chloride                                 | 001      | 1575 / 1017        | EPA - 300.0        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Calcium                                  | 001      | 1035 / 1016        | EPA - 200.7        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Alkalinity, Total                        | 001      | 1505 / 1927        | SM - 2320 B        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| <b>Metals</b>                            |          |                    |                    |                  |                  |                    |
| Manganese                                |          | 1090 / 1032        | EPA - 200.8        | Proficiency Test | 4/15/2025        | ERA / 031825A      |
| Beryllium                                |          | 1020 / 1075        | EPA - 200.8        | Proficiency Test | 4/15/2025        | ERA / 031825A      |
| Nickel                                   | 001      | 1105 / 1036        | EPA - 200.7        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Manganese                                | 001      | 1090 / 1032        | EPA - 200.7        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Magnesium                                | 001      | 1085 / 1031        | EPA - 200.7        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Copper                                   | 001      | 1055 / 1022        | EPA - 200.7        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Chromium                                 | 001      | 1040 / 1020        | EPA - 200.7        | Proficiency Test | 6/2/2025         | ERA / 043025K      |
| Cadmium                                  | 001      | 1030 / 1015        | EPA - 200.7        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Beryllium                                | 001      | 1020 / 1075        | EPA - 200.7        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Barium                                   | 001      | 1015 / 1010        | EPA - 200.7        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Thallium                                 | 002      | 1165 / 1085        | EPA - 200.8        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Selenium                                 | 002      | 1140 / 1045        | EPA - 200.8        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Nickel                                   | 002      | 1105 / 1036        | EPA - 200.8        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Mercury                                  | 002      | 1095 / 1035        | EPA - 245.1        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Lead                                     | 002      | 1075 / 5000        | EPA - 200.8        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Copper                                   | 002      | 1055 / 1022        | EPA - 200.8        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Chromium                                 | 002      | 1040 / 1020        | EPA - 200.8        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Cadmium                                  | 002      | 1030 / 1015        | EPA - 200.8        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Barium                                   | 002      | 1015 / 1010        | EPA - 200.8        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Arsenic                                  | 002      | 1010 / 1005        | EPA - 200.8        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Antimony                                 | 002      | 1005 / 1074        | EPA - 200.8        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Zinc                                     | 001      | 1190 / 1095        | EPA - 200.7        | Proficiency Test | 6/2/2025         | ERA / 043025K      |
| Silver                                   | 001      | 1150 / 1050        | EPA - 200.7        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Aluminum                                 | 001      | 1000 / 1002        | EPA - 200.7        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Zinc                                     | 002      | 1190 / 1095        | EPA - 200.8        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Silver                                   | 002      | 1150 / 1050        | EPA - 200.8        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Aluminum                                 | 002      | 1000 / 1002        | EPA - 200.8        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| <b>Microbiologicals</b>                  |          |                    |                    |                  |                  |                    |
| Total Coliform, Colilert-QuantiTray 18hr | 002      | 2500 / 3000        | SM - 9223          | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Escherichia coli, Colilert - QuantiTray  | 002      | 2525 / 3014        | SM - 9223B-PA      | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Total Coliform, Colilert-QuantiTray 18hr | 003      | 2500 / 3000        | SM - 9223          | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| E. Coli, Colilert -QuantiTray 18hr       | 003      | 2525 / 3014        | SM - 9223          | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Total Coliform, Colilert-QuantiTray      | 004      | 2500 / 3000        | SM - 9223          | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Escherichia coli, Colilert               | 004      | 2525 / 3014        | SM - 9223B-PA      | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Total Coliform, Colilert-QuantiTray      | 005      | 2500 / 3000        | SM - 9223          | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Escherichia coli, Colilert - QuantiTray  | 005      | 2525 / 3014        | SM - 9223B-PA      | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Total Coliform, Colilert-QuantiTray      | 006      | 2500 / 3000        | SM - 9223          | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Escherichia coli, Colilert - QuantiTray  | 006      | 2525 / 3014        | SM - 9223B-PA      | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Total Coliform, Colilert-QuantiTray 18hr | 007      | 2500 / 3000        | SM - 9223          | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| E. Coli, Colilert -QuantiTray 18hr       | 007      | 2525 / 3014        | SM - 9223          | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Heterotrophic Bacteria, Pour plate metho | 008      | 2555 / 3001        | SM - 9215 B        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Heterotrophic Bacteria, Pour plate metho | 009      | 2555 / 3001        | SM - 9215 B        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Heterotrophic Bacteria, Pour plate metho | 010      | 2555 / 3001        | SM - 9215 B        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Heterotrophic Bacteria, Pour plate metho | 011      | 2555 / 3001        | SM - 9215 B        | Proficiency Test | 2/27/2025        | ERA / WS-342       |

| Parameter                            | Sample # | EPA<br>Parameter # | Approved<br>Method | Study Type       | Date<br>Accepted | PT Provider / WS # |
|--------------------------------------|----------|--------------------|--------------------|------------------|------------------|--------------------|
| <b>Organics</b>                      |          |                    |                    |                  |                  |                    |
| EDB (Ethylene dibromide)             | 003      | 4585 / 2946        | EPA - 504.1        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| DBCP (Dibromochloropropane)          | 003      | 4570 / 2931        | EPA - 504.1        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| <b>VOCs - Regulated</b>              |          |                    |                    |                  |                  |                    |
| Styrene                              |          | 5100 / 2996        | EPA - 524.2        | Proficiency Test | 4/15/2025        | ERA / 031825A      |
| 1,4-Dichlorobenzene                  |          | 4620 / 2969        | EPA - 524.2        | Proficiency Test | 4/15/2025        | ERA / 031825A      |
| Vinyl Chloride                       | 004      | 5235 / 2976        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Trichloroethylene                    | 004      | 5170 / 2984        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| trans-1,2-dichloroethylene           | 004      | 4700 / 2979        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Total Xylenes                        | 004      | 5260 / 2955        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Toluene                              | 004      | 5140 / 2991        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Tetrachloroethylene                  | 004      | 5115 / 2987        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Styrene                              | 004      | 5100 / 2996        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Methylene chloride (dichloromethane) | 004      | 4975 / 2964        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Ethylbenzene                         | 004      | 4765 / 2992        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| cis-1,2-Dichloroethylene             | 004      | 4645 / 2380        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Chlorobenzene                        | 004      | 4475 / 2989        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Carbon Tetrachloride                 | 004      | 4455 / 2982        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| Benzene                              | 004      | 4375 / 2990        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| 1,4-Dichlorobenzene                  | 004      | 4620 / 2969        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| 1,2-Dichloropropane                  | 004      | 4655 / 2983        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| 1,2-Dichloroethane                   | 004      | 4635 / 2980        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| 1,2-Dichlorobenzene                  | 004      | 4610 / 2968        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| 1,2,4-Trichlorobenzene               | 004      | 5155 / 2378        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| 1,1-Dichloroethylene                 | 004      | 4640 / 2977        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| 1,1,2-Trichloroethane                | 004      | 5165 / 2985        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |
| 1,1,1-Trichloroethane                | 004      | 5160 / 2981        | EPA - 524.2        | Proficiency Test | 2/27/2025        | ERA / WS-342       |