



State of Tennessee

**DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES**

Certifies That

Microbac Laboratories–New England Div, Dayville, CT

*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 04903

Prasad Subbanna
Laboratory Certification Officer
Division of Water Resources

Issue/Effective Date: 1/15/2026

Expiration Date: 1/15/2027

*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

Microbac - New England Division

TN04903

EPA # CT00008

2/5/2026

Attn: Lexie White
61 Louisa Viens Drive
Dayville, CT 06241

Parameter	Sample #	EPA Parameter #	Approved Method	Study Type	Date Accepted	PT Provider / WS #
Disinfection By-Products						
HAA						
Trichloroacetic Acid (HAA5)	041	9642 / 2452	EPA - 552.2	Proficiency Test	10/30/2025	NSI / ELAP487
Monochloroacetic Acid (HAA5)	041	9336 / 2450	EPA - 552.2	Proficiency Test	10/30/2025	NSI / ELAP487
Monobromoacetic Acid (HAA5)	041	9312 / 2453	EPA - 552.2	Proficiency Test	10/30/2025	NSI / ELAP487
Dichloroacetic Acid (HAA5)	041	9360 / 2451	EPA - 552.3	Proficiency Test	10/30/2025	NSI / ELAP487
Dibromoacetic Acid (HAA5)	041	9357 / 2454	EPA - 552.2	Proficiency Test	10/30/2025	NSI / ELAP487
THM						
Chloroform	042	4505 / 2941	EPA - 524.2	Proficiency Test	10/30/2025	NSI / ELAP487
Chlorodibromomethane	042	4575 / 2944	EPA - 524.2	Proficiency Test	10/30/2025	NSI / ELAP487
Bromoform	042	4400 / 2942	EPA - 524.2	Proficiency Test	10/30/2025	NSI / ELAP487
Bromodichloromethane	042	4395 / 2943	EPA - 524.2	Proficiency Test	10/30/2025	NSI / ELAP487
Herbicides						
Diquat	002	9390 / 2032	EPA - 549.2	Proficiency Test	10/30/2025	NY-DH / ELAP 487
Glyphosate	003	9411 / 2034	EPA - 547	Proficiency Test	10/30/2025	NY-DH / ELAP 487
2,4-D	014	8545 / 2105	EPA - 515.3	Proficiency Test	10/30/2025	NY-DH / ELAP487
Dalapon	015	8555 / 2031	EPA - 515.3	Proficiency Test	10/30/2025	NY-DH / ELAP487
Dinoseb	016	8620 / 2041	EPA - 515.3	Proficiency Test	10/30/2025	NY-DH / ELAP487
Picloram	018	8645 / 2040	EPA - 515.3	Proficiency Test	10/30/2025	NY-DH / ELAP487
2,4,5-TP (Silvex)	019	8650 / 2110	EPA - 515.3	Proficiency Test	10/30/2025	NY-DH / ELAP487
Alachlor	021	7005 / 2051	EPA - 525.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
Alachlor	022	7005 / 2051	EPA - 505	Proficiency Test	10/30/2025	NY-DH / ELAP487
Pentachlorophenol	017	6605 / 2326	EPA - 515.3	Proficiency Test	10/30/2025	NY-DH / ELAP487
Inorganics						
Turbidity	001	2055 / 0100	SM - 2130 B	Proficiency Test	7/29/2025	ABS / QTA062625
Sulfate	002	2000 / 1055	EPA - 300.0	Proficiency Test	7/29/2025	ABS / QTA062625
Conductivity	003	1610 / 1064	SM - 2510 B	Proficiency Test	7/29/2025	ABS / QTA062625
Iron	005	1070 / 1028	EPA - 200.7	Proficiency Test	10/30/2025	NY-DH / ELAP 487
Chloride	007	1575 / 1017	SM - 4500-Cl-E	Proficiency Test	10/30/2025	NY-DH / ELAP487
Fluoride	008	1730 / 1025	SM - 4500-F-C	Proficiency Test	10/30/2025	NY-DH / ELAP487
Nitrate	009	1810 / 1040	SM - 4500-NO3	Proficiency Test	10/30/2025	NY-DH / ELAP487
Ortho-phosphate	010	1870 / 1044	EPA - 365.1	Proficiency Test	10/30/2025	NY-DH / ELAP487
Sulfate	011	2000 / 1055	SM - 4500-SO4	Proficiency Test	10/30/2025	NY-DH / ELAP487
Conductivity	020	1610 / 1064	SM - 2510 B	Proficiency Test	10/30/2025	NY-DH / ELAP487
Cyanide	044	1635 / 1024	EPA - 335.4	Proficiency Test	10/30/2025	NY-DH / ELAP487
Sodium	046	1155 / 1052	EPA - 200.7	Proficiency Test	10/30/2025	NY-DH / ELAP487
Potassium	046	1125 / 1042	EPA - 200.7	Proficiency Test	10/30/2025	NY-DH / ELAP487
Calcium	046	1035 / 1016	EPA - 200.7	Proficiency Test	10/30/2025	NY-DH / ELAP487
Nitrite	047	1840 / 1041	SM - 4500-NO3	Proficiency Test	10/30/2025	NY-DH / ELAP487

Parameter	Sample #	EPA Parameter #	Approved Method	Study Type	Date Accepted	PT Provider / WS #	
Silica	049	1990 / 1049	SM - 4500-Si-E	Proficiency Test	10/30/2025	NY-DH /	ELAP487
Total Dissolved Solids	050	1955 / 1930	SM - 2540 C	Proficiency Test	10/30/2025	NY-DH /	ELAP487
TOC (total organic carbon)	051	2040 / 2920	SM - 5310 C	Proficiency Test	10/30/2025	NY-DH /	ELAP487
Turbidity	052	2055 / 0100	SM - 2130 B	Proficiency Test	10/30/2025	NY-DH /	ELAP487
Calcium Hardness (as CaCO3)	001	1550 / 1919	EPA - 200.7	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Alkalinity, Total	043	1505 / 1927	SM - 2320 B	Proficiency Test	10/30/2025	NY-DH /	ELAP487
Metals							
Nickel	005	1105 / 1036	EPA - 200.7	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Manganese	005	1090 / 1032	EPA - 200.7	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Copper	005	1055 / 1022	EPA - 200.7	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Chromium	005	1040 / 1020	EPA - 200.7	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Cadmium	005	1030 / 1015	EPA - 200.7	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Beryllium	005	1020 / 1075	EPA - 200.7	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Barium	005	1015 / 1010	EPA - 200.7	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Thallium	006	1165 / 1085	EPA - 200.8	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Selenium	006	1140 / 1045	EPA - 200.8	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Nickel	006	1105 / 1036	EPA - 200.8	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Manganese	006	1090 / 1032	EPA - 200.8	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Lead	006	1075 / 5000	EPA - 200.8	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Copper	006	1055 / 1022	EPA - 200.8	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Chromium	006	1040 / 1020	EPA - 200.8	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Cadmium	006	1030 / 1015	EPA - 200.8	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Beryllium	006	1020 / 1075	EPA - 200.8	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Barium	006	1015 / 1010	EPA - 200.8	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Arsenic	006	1010 / 1005	EPA - 200.8	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Antimony	006	1005 / 1074	EPA - 200.8	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Mercury	007	1095 / 1035	EPA - 245.1	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Magnesium	046	1085 / 1031	EPA - 200.7	Proficiency Test	10/30/2025	NY-DH /	ELAP487
Zinc	005	1190 / 1095	EPA - 200.7	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Silver	005	1150 / 1050	EPA - 200.7	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Zinc	006	1190 / 1095	EPA - 200.8	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Silver	006	1150 / 1050	EPA - 200.8	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Aluminum	006	1000 / 1002	EPA - 200.8	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Organics							
Aldicarb Sulfoxide	004	7020 / 2043	EPA - 531.2	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Aldicarb Sulfone	004	7015 / 2044	EPA - 531.2	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
Aldicarb	004	7010 / 2047	EPA - 531.2	Proficiency Test	10/30/2025	NY-DH /	ELAP 487
PCBs (as Aroclors)	048	8872 / 2383	EPA - 505	Proficiency Test	10/30/2025	NY-DH /	ELAP487
1,2-dibromo-3-chloropropane(DBCP)	039	4570 / 2931	EPA - 504.1	Proficiency Test	10/30/2025	NSI /	ELAP487
1,2-Dibromoethane (EDB)	040	4585 / 2946	EPA - 504.1	Proficiency Test	10/30/2025	NSI /	ELAP487
Di(2-ethylhexyl)adipate	012	6062 / 2035	EPA - 525.2	Proficiency Test	10/30/2025	NY-DH /	ELAP487
bis(2-Ethylhexyl)phthalate	013	6065 / 2298	EPA - 525.2	Proficiency Test	10/30/2025	NY-DH /	ELAP487
Pesticides							

Parameter	Sample #	EPA Parameter #	Approved Method	Study Type	Date Accepted	PT Provider / WS #
Atrazine	023	7065 / 2050	EPA - 525.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
Hexachlorocyclopentadiene	029	6285 / 2042	EPA - 525.2	Proficiency Test	10/30/2025	NSI / ELAP487
Hexachlorocyclopentadiene	030	6285 / 2042	EPA - 505	Proficiency Test	10/30/2025	NSI / ELAP487
Oxamyl (Vydate)	004	7940 / 2036	EPA - 531.2	Proficiency Test	10/30/2025	NY-DH / ELAP 487
Carbofuran	004	7205 / 2046	EPA - 531.2	Proficiency Test	10/30/2025	NY-DH / ELAP 487
Simazine	024	8125 / 2037	EPA - 525.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
Endrin	026	7540 / 2005	EPA - 505	Proficiency Test	10/30/2025	NSI / ELAP487
Hexachlorobenzene	027	6275 / 2274	EPA - 505	Proficiency Test	10/30/2025	NSI / ELAP487
Hexachlorobenzene	028	6275 / 2274	EPA - 525.2	Proficiency Test	10/30/2025	NSI / ELAP487
Heptachlor	031	7685 / 2065	EPA - 525.2	Proficiency Test	10/30/2025	NSI / ELAP487
Heptachlor	032	7685 / 2065	EPA - 505	Proficiency Test	10/30/2025	NSI / ELAP487
Heptachlor Epoxide	033	7690 / 2067	EPA - 525.2	Proficiency Test	10/30/2025	NSI / ELAP487
Heptachlor Epoxide	034	7690 / 2067	EPA - 505	Proficiency Test	10/30/2025	NSI / ELAP487
Lindane	035	7120 / 2010	EPA - 525.2	Proficiency Test	10/30/2025	NSI / ELAP487
Lindane	036	7120 / 2010	EPA - 505	Proficiency Test	10/30/2025	NSI / ELAP487
Methoxychlor	037	7810 / 2015	EPA - 525.2	Proficiency Test	10/30/2025	NSI / ELAP487
Methoxychlor	038	7810 / 2015	EPA - 505	Proficiency Test	10/30/2025	NSI / ELAP487
Chlordane	045	7250 / 2959	EPA - 505	Proficiency Test	10/30/2025	NY-DH / ELAP487
Toxaphene	054	8250 / 2020	EPA - 505	Proficiency Test	10/30/2025	NY-DH / ELAP487

VOCs - Regulated

Vinyl Chloride	043	5235 / 2976	EPA - 524.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
Trichloroethylene	043	5170 / 2984	EPA - 524.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
trans-1,2-dichloroethylene	043	4700 / 2979	EPA - 524.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
Total Xylenes	043	5260 / 2955	EPA - 524.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
Toluene	043	5140 / 2991	EPA - 524.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
Tetrachloroethylene	043	5115 / 2987	EPA - 524.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
Styrene	043	5100 / 2996	EPA - 524.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
Methylene chloride (dichloromethane)	043	4975 / 2964	EPA - 524.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
Ethylbenzene	043	4765 / 2992	EPA - 524.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
cis-1,2-Dichloroethylene	043	4645 / 2380	EPA - 524.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
Chlorobenzene	043	4475 / 2989	EPA - 524.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
Carbon Tetrachloride	043	4455 / 2982	EPA - 524.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
Benzene	043	4375 / 2990	EPA - 524.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
1,4-Dichlorobenzene	043	4620 / 2969	EPA - 524.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
1,2-Dichloropropane	043	4655 / 2983	EPA - 524.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
1,2-Dichloroethane	043	4635 / 2980	EPA - 524.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
1,2-Dichlorobenzene	043	4610 / 2968	EPA - 524.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
1,2,4-Trichlorobenzene	043	5155 / 2378	EPA - 524.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
1,1-Dichloroethylene	043	4640 / 2977	EPA - 524.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
1,1,2-Trichloroethane	043	5165 / 2985	EPA - 524.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
1,1,1-Trichloroethane	043	5160 / 2981	EPA - 524.2	Proficiency Test	10/30/2025	NY-DH / ELAP487

VOCs - Synthetics

Benzo(a)pyrene	053	5580 / 2306	EPA - 525.2	Proficiency Test	10/30/2025	NY-DH / ELAP487
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