

North Carolina
Department of Health and Human Services
Laboratory Certification



*in accordance with the provisions of regulations 10A NCAC 42D 0.200
certification for the analysis of drinking water has been granted to*

Meritech, Inc.
Laboratory Number 37740

For the following analyte group(s)

Microbiology, Inorganic and Organic Chemistry

Refer to most-recent status sheet for analytes and methods

July 1, 2024

Issue date

July 31, 2025

Expiration date

Elizabeth Tilson, MD, MPH
State Health Director

Scott M. Shone, PhD, HCLD (ABB)
Director, State Laboratory


Michele Sartin
Drinking Water Certification

*This laboratory has met the minimum requirements for the certification to analyze drinking water.
This certificate does not guarantee accurate results.*

**North Carolina Department of Health and Human Services
State Laboratory of Public Health**

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Effective Date: December 31, 2024

North Carolina Drinking Water Certification Status Sheet :

Analyte Code (UR = Unregulated)	Method Code	Method
Coliforms		
3100	COLISURE	Colisure Reagent
3014	COLISURE	Colisure Reagent
Metals		
1074	200.8	Inductively Coupled Plasma/MS
1005	200.8	Inductively Coupled Plasma/MS
1010	200.8	Inductively Coupled Plasma/MS
1075	200.8	Inductively Coupled Plasma/MS
1015	200.8	Inductively Coupled Plasma/MS
1016	200.7	Inductively Coupled Plasma
1020	200.8	Inductively Coupled Plasma/MS
1022	200.8	Inductively Coupled Plasma/MS
1028	200.8	Inductively Coupled Plasma/MS
1030	200.8	Inductively Coupled Plasma/MS
1032	200.8	Inductively Coupled Plasma/MS
1035	245.1	Manual Cold Vapor
1036	200.8	Inductively Coupled Plasma/MS
1045	200.8	Inductively Coupled Plasma/MS
1049	200.7	Inductively Coupled Plasma
1052	200.7	Inductively Coupled Plasma
1085	200.8	Inductively Coupled Plasma/MS

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General Chemistry		
1927	Alkalinity	2320B Titrimetric
1064	Conductivity (UR)	2510B Conductance @ 25 C
1024	Cyanide	335.4 Spectrophoto., semi-automated
2919	Dissolved Organic Carbon (DOC)	5310C Persulfate-UV Oxidation
1025	Fluoride	4500F-C Ion Selective Electrode
1040	Nitrate	353.2 Cadmium reduction, automated
1041	Nitrite	353.2 Cadmium reduction, automated
1044	Orthophosphate (UR)	4500P-F Colorim. Auto., ascorbic acid
1044	Orthophosphate (UR)	4500P-E Colorimetric, manual
1925	pH Units (UR)	4500H-B Electrometric
1055	Sulfate	4500SO4-E Turbidimetric
1996	Temperature (UR)	2550 Temperature
2920	Total Organic Carbon (TOC)	5310C Persulfate-UV Oxidation
2922	UV Absorbance @ 254 nm	5910B Ultraviolet Absorption
THMs		
2943	Bromodichloromethane	524.2 GC/MS - P&T, Cap col.
2942	Bromoform	524.2 GC/MS - P&T, Cap col.
2944	Chlorodibromomethane	524.2 GC/MS - P&T, Cap col.
2941	Chloroform	524.2 GC/MS - P&T, Cap col.
2950	Total Trihalomethanes	524.2 GC/MS - P&T, Cap col.

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VOCs		
2981	1,1,1-Trichloroethane	524.2 GC/MS - P&T, Cap col.
2985	1,1,2-Trichloroethane	524.2 GC/MS - P&T, Cap col.
2977	1,1-Dichloroethylene	524.2 GC/MS - P&T, Cap col.
2378	1,2,4-Trichlorobenzene	524.2 GC/MS - P&T, Cap col.
2968	1,2-Dichlorobenzene	524.2 GC/MS - P&T, Cap col.
2980	1,2-Dichloroethane	524.2 GC/MS - P&T, Cap col.
2983	1,2-Dichloropropane	524.2 GC/MS - P&T, Cap col.
2969	1,4-Dichlorobenzene	524.2 GC/MS - P&T, Cap col.
2990	Benzene	524.2 GC/MS - P&T, Cap col.
2982	Carbon Tetrachloride	524.2 GC/MS - P&T, Cap col.
2989	Chlorobenzene	524.2 GC/MS - P&T, Cap col.
2380	cis-1,2-Dichloroethylene	524.2 GC/MS - P&T, Cap col.
2964	Dichloromethane	524.2 GC/MS - P&T, Cap col.
2992	Ethylbenzene	524.2 GC/MS - P&T, Cap col.
2996	Styrene	524.2 GC/MS - P&T, Cap col.
2987	Tetrachloroethylene	524.2 GC/MS - P&T, Cap col.
2991	Toluene	524.2 GC/MS - P&T, Cap col.
2955	Total Xylenes	524.2 GC/MS - P&T, Cap col.
2979	trans-1,2-Dichloroethylene	524.2 GC/MS - P&T, Cap col.
2984	Trichloroethylene	524.2 GC/MS - P&T, Cap col.
2976	Vinyl Chloride	524.2 GC/MS - P&T, Cap col.
Haloacetic Acids		
2454	Dibromoacetic acid	552.2 GC - Micro L/L, Cap col, ECD
2451	Dichloroacetic acid	552.2 GC - Micro L/L, Cap col, ECD
2453	Monobromoacetic acid	552.2 GC - Micro L/L, Cap col, ECD
2450	Monochloroacetic acid	552.2 GC - Micro L/L, Cap col, ECD
2456	Total Haloacetic Acids	552.2 GC - Micro L/L, Cap col, ECD
2452	Trichloroacetic acid	552.2 GC - Micro L/L, Cap col, ECD