

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, 2023

Issue date

July 31, 2024

Expiration date

Elizabeth Tilson, MD, MPH
State Health Director

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Director, State Laboratory


Michele Sartir
Drinking Water Certification

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

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North Carolina Drinking Water Certification Status Sheet :

Analyte Code (UR = Unregulated)	Method Code	Method
Coliforms		
3100	Coliform	9223B Colilert/Colilert18
3100	Coliform	COLISURE Colisure Reagent
3014	E. coli	9223B Colilert/Colilert18
3014	E. coli	COLISURE Colisure Reagent
Metals		
1074	Antimony	200.8 Inductively Coupled Plasma/MS
1005	Arsenic	200.8 Inductively Coupled Plasma/MS
1010	Barium	200.8 Inductively Coupled Plasma/MS
1075	Beryllium	200.8 Inductively Coupled Plasma/MS
1015	Cadmium	200.8 Inductively Coupled Plasma/MS
1016	Calcium (UR)	200.7 Inductively Coupled Plasma
1020	Chromium	200.8 Inductively Coupled Plasma/MS
1022	Copper	200.8 Inductively Coupled Plasma/MS
1028	Iron	200.8 Inductively Coupled Plasma/MS
1030	Lead	200.8 Inductively Coupled Plasma/MS
1032	Manganese	200.8 Inductively Coupled Plasma/MS
1035	Mercury	245.1 Manual Cold Vapor
1036	Nickel	200.8 Inductively Coupled Plasma/MS
1045	Selenium	200.8 Inductively Coupled Plasma/MS
1049	Silica (UR)	200.7 Inductively Coupled Plasma
1052	Sodium	200.7 Inductively Coupled Plasma
1085	Thallium	200.8 Inductively Coupled Plasma/MS

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General Chemistrv			
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