

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*

Waypoint Analytical - Charlotte
Laboratory Number 37735

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

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Director, State Laboratory

Michele Sartir

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.*

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

WAYPOINT ANALYTICAL - CHARLOTTE

Lab Number 37735

Effective Date:

July 24, 2024

North Carolina Drinking Water Certification Status Sheet :

Analyte Code (UR = Unregulated)	Method Code	Method	
Coliforms			
3100	Coliform	9223B	Colilert/Colilert18
3014	E. coli	9223B	Colilert/Colilert18
Metals			
1074	Antimony	200.8	Inductively Coupled Plasma/MS
1005	Arsenic	200.8	Inductively Coupled Plasma/MS
1010	Barium	200.7	Inductively Coupled Plasma
1010	Barium	200.8	Inductively Coupled Plasma/MS
1075	Beryllium	200.8	Inductively Coupled Plasma/MS
1015	Cadmium	200.7	Inductively Coupled Plasma
1015	Cadmium	200.8	Inductively Coupled Plasma/MS
1016	Calcium (UR)	200.7	Inductively Coupled Plasma
1020	Chromium	200.7	Inductively Coupled Plasma
1020	Chromium	200.8	Inductively Coupled Plasma/MS
1022	Copper	200.7	Inductively Coupled Plasma
1022	Copper	200.8	Inductively Coupled Plasma/MS
1028	Iron	200.7	Inductively Coupled Plasma
1028	Iron	200.8	Inductively Coupled Plasma/MS
1030	Lead	200.8	Inductively Coupled Plasma/MS
1031	Magnesium	200.7	Inductively Coupled Plasma
1032	Manganese	200.7	Inductively Coupled Plasma
1032	Manganese	200.8	Inductively Coupled Plasma/MS
1035	Mercury	245.1	Manual Cold Vapor
1036	Nickel	200.8	Inductively Coupled Plasma/MS
1036	Nickel	200.7	Inductively Coupled Plasma
1045	Selenium	200.8	Inductively Coupled Plasma/MS
1049	Silica (UR)	200.7	Inductively Coupled Plasma
1050	Silver (UR)	200.7	Inductively Coupled Plasma
1050	Silver (UR)	200.8	Inductively Coupled Plasma/MS
1052	Sodium	200.7	Inductively Coupled Plasma
1085	Thallium	200.8	Inductively Coupled Plasma/MS
1095	Zinc (UR)	200.7	Inductively Coupled Plasma
1095	Zinc (UR)	200.8	Inductively Coupled Plasma/MS

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General Chemistrv		
1068	Acidity (UR)	2310B Titration
1927	Alkalinity	2320B Titrimetric
1017	Chloride (UR)	300.0 Ion Chromatography
1905	Color (UR)	2120B Visual - Color
1064	Conductivity (UR)	2510B Conductance @ 25 C
1024	Cyanide	4500CN-E Spectrophotometric, manual
1915	Hardness, Total (CaCO3)	200.7 Inductively Coupled Plasma
1040	Nitrate	300.0 Ion Chromatography
1040	Nitrate	4500NO3-F Cadmium reduction, automated
1041	Nitrite	4500NO2-B Spectrophotometric
1044	Orthophosphate (UR)	4500P-E Colorimetric, manual
1925	pH Units (UR)	4500H-B Electrometric
1055	Sulfate	300.0 Ion Chromatography
1930	TDS-Total Dissolved Solids	2540C Gravimetric
1996	Temperature (UR)	2550 Temperature
0100	Turbidity (UR)	180.1 Nephelometric
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.

Pesticides

2931	1,2-Dibromo-3-Chloropropane	504.1	GC - Micro L/L, Cap col, ECD
2946	Ethylene dibromide (EDB)	504.1	GC - Micro L/L, Cap col, ECD