

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*

Rogers and Callcott, Inc.
Laboratory Number 45710

For the following analyte group(s)

Inorganic and Organic Chemistry

Refer to most-recent status sheet for analytes and methods

July 1, 2020
Issue date

July 31, 2021
Expiration date

Elizabeth Tilson, MD, MPH
State Health Director

Scott M. Shone, PhD, HCLED (ABB)
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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State Laboratory of Public Health*

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North Carolina Drinking Water Certification Status Sheet :

Analyte Code (UR = Unregulated)	Method Code	Method
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	200.7	Inductively Coupled Plasma
1075 Beryllium	200.8	Inductively Coupled Plasma/MS
1015 Cadmium	200.8	Inductively Coupled Plasma/MS
1015 Cadmium	200.7	Inductively Coupled Plasma
1016 Calcium (UR)	200.7	Inductively Coupled Plasma
1020 Chromium	200.8	Inductively Coupled Plasma/MS
1020 Chromium	200.7	Inductively Coupled Plasma
1022 Copper	200.7	Inductively Coupled Plasma
1022 Copper	200.8	Inductively Coupled Plasma/MS
1028 Iron	200.7	Inductively Coupled Plasma
1030 Lead	200.8	Inductively Coupled Plasma/MS
1031 Magnesium	200.7	Inductively Coupled Plasma
1032 Manganese	200.8	Inductively Coupled Plasma/MS
1032 Manganese	200.7	Inductively Coupled Plasma
1035 Mercury	245.1	Manual Cold Vapor
1036 Nickel	200.7	Inductively Coupled Plasma
1036 Nickel	200.8	Inductively Coupled Plasma/MS
1045 Selenium	200.8	Inductively Coupled Plasma/MS
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

1927	Alkalinity	2320B	Titrimetric
1004	Bromide	300.0	Ion Chromatography
1919	Calcium Hardness (as CaCO ₃)	3500CA-D	EDTA Titration (SM 18, 19 eds)
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
1025	Fluoride	300.0	Ion Chromatography
1915	Hardness, Total (CaCO ₃)	2340B	Hardness by calculation
1040	Nitrate	300.0	Ion Chromatography
1040	Nitrate	4500NO ₃ -D	Ion Selective Electrode
1041	Nitrite	4500NO ₂ -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
2920	Total Organic Carbon (TOC)	5310B	High Temperature Combustion
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.
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	552.3	GC - Micro L/L, Cap col, ECD
2451	Dichloroacetic acid	552.3	GC - Micro L/L, Cap col, ECD
2453	Monobromoacetic acid	552.3	GC - Micro L/L, Cap col, ECD
2450	Monochloroacetic acid	552.3	GC - Micro L/L, Cap col, ECD
2456	Total Haloacetic Acids	552.3	GC - Micro L/L, Cap col, ECD
2452	Trichloroacetic acid	552.3	GC - Micro L/L, Cap col, ECD