

*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*

**Element One, Inc.**  
Laboratory Number 37788

*For the following analyte group(s)*

**Microbiology and Inorganic Chemistry**

*Refer to most-recent status sheet for analytes and methods*

July 1, 2018

*Issue date*

July 31, 2019

*Expiration date*

*Elizabeth Tilson, MD, MPH*  
*State Health Director*

*Scott J. Zimmerman, DrPH, MPH, HCLD*  
*Director, State Laboratory*

  
*Chris Goforth*  
*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**

ELEMENT ONE, INC.

**Lab Number 37788**

**Effective Date:**

**7/1/2018**

***North Carolina Drinking Water Certification Status Sheet :***

<b>Analyte Code (UR = Unregulated)</b>	<b>Method Code</b>	<b>Method</b>
<b>Coliforms</b>		
3100	9223B	Colilert/Colilert18
3014	9223B	Colilert/Colilert18
<b>HPC</b>		
3001	9215B	Pour Plate
<b>Metals</b>		
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	3500CA-B	EDTA Titration (SM 20, 21 eds)
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	4500SIO2-D	Heteropolyblue (20, 21 eds)
1050	200.8	Inductively Coupled Plasma/MS
1052	D6919-03	Ion Chromatography (ASTM)
1052	3111B	AA, Direct Aspiration
1085	200.8	Inductively Coupled Plasma/MS
1095	200.8	Inductively Coupled Plasma/MS



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

ELEMENT ONE, INC.

**Lab Number 37788**

**Effective Date:**

**7/1/2018**

**General Chemistrv**

1068	Acidity (UR)	2310B	Titration
1927	Alkalinity	2320B	Titrimetric
1011	Bromate	300.1	Ion Chromatography
1004	Bromide	300.0	Ion Chromatography
1919	Calcium Hardness (as CaCO <sub>3</sub> )	3111B	AA, Direct Aspiration
1919	Calcium Hardness (as CaCO <sub>3</sub> )	3500CA-B	EDTA Titration (SM 20, 21 eds)
1919	Calcium Hardness (as CaCO <sub>3</sub> )	2340B	Hardness by calculation
1017	Chloride (UR)	300.0	Ion Chromatography
1017	Chloride (UR)	4500CLDE-B	Chloride - Argentometric tit.
1009	Chlorite	300.1	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
1025	Fluoride	4500F-C	Ion Selective Electrode
1915	Hardness, Total (CaCO <sub>3</sub> )	3111B	AA, Direct Aspiration
1915	Hardness, Total (CaCO <sub>3</sub> )	2340C	Titration
1915	Hardness, Total (CaCO <sub>3</sub> )	2340B	Hardness by calculation
1040	Nitrate	4500NO3-E	Cadmium reduction, manual
1040	Nitrate	300.0	Ion Chromatography
1041	Nitrite	4500NO2-B	Spectrophotometric
1041	Nitrite	300.0	Ion Chromatography
1044	Orthophosphate (UR)	4500P-E	Colorimetric, manual
1044	Orthophosphate (UR)	300.0	Ion Chromatography
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
2920	Total Organic Carbon (TOC)	5310B	High Temperature Combustion
0100	Turbidity (UR)	2130B	Nephelometric
2922	UV Absorbance @ 254 nm	5910B	Ultraviolet Absorption