



**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF GENERAL SERVICES  
DIVISION OF CONSOLIDATED LABORATORY SERVICES**



**Certifies that**

**VA Laboratory ID#: 460301  
Blue Ridge Analytical LLC  
2280 West Ridge Road  
Wytheville, VA 24382**

**Owner: GARY MYCHEL JOHNSON**

Having met the requirements of 1 VAC 30-46 and  
having been found compliant with the 2016 TNI Standard approved by The NELAC Institute  
is hereby approved as an

**Accredited Environmental Laboratory**

As more fully described in the attached Scope of Accreditation

**Effective Date: November 12, 2025**

**Expiration Date: March 14, 2026**

**Certificate # 13703**

A handwritten signature in cursive script, reading 'Denise M. Toney'.

Denise M. Toney, Ph.D., HCLD  
DGS Deputy Director for Laboratories

Continued accreditation status depends on successful ongoing participation in the program.  
Certificate to be conspicuously displayed at the laboratory.

Not valid unless accompanied by a valid Virginia Environmental Laboratory Accreditation Program (VELAP)  
Scope of Accreditation.

Customers are urged to verify the laboratory's current accreditation status.

Certificate Not Transferable

Surrender Upon Revocation



Commonwealth of Virginia  
Department of General Services  
Division of Consolidated Laboratory Services



Scope of Accreditation

VELAP Certificate No.: 13703

Blue Ridge Analytical LLC  
2280 West Ridge Road  
Wytheville, VA 24382

Virginia Laboratory ID: 460301  
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DRINKING WATER

| METHOD                               | ANALYTE                        | PRIMARY | METHOD                               | ANALYTE                         | PRIMARY |
|--------------------------------------|--------------------------------|---------|--------------------------------------|---------------------------------|---------|
| EPA 200.7 REV 4.4                    | ALUMINUM                       | VA      | EPA 200.7 REV 4.4                    | BARIUM                          | VA      |
| EPA 200.7 REV 4.4                    | CALCIUM                        | VA      | EPA 200.7 REV 4.4                    | CHROMIUM                        | VA      |
| EPA 200.7 REV 4.4                    | COPPER                         | VA      | EPA 200.7 REV 4.4                    | IRON                            | VA      |
| EPA 200.7 REV 4.4                    | MAGNESIUM                      | VA      | EPA 200.7 REV 4.4                    | MANGANESE                       | VA      |
| EPA 200.7 REV 4.4                    | NICKEL                         | VA      | EPA 200.7 REV 4.4                    | SILVER                          | VA      |
| EPA 200.7 REV 4.4                    | SODIUM                         | VA      | EPA 200.7 REV 4.4                    | ZINC                            | VA      |
| EPA 200.9 REV 2.2                    | LEAD                           | VA      | EPA 300.0 REV 2.1                    | CHLORIDE                        | VA      |
| EPA 300.0 REV 2.1                    | FLUORIDE                       | VA      | EPA 300.0 REV 2.1                    | SULFATE                         | VA      |
| EPA 335.4 REV 1.0                    | CYANIDE                        | VA      | EPA 353.2 REV 2                      | NITRATE AS N                    | VA      |
| EPA 353.2 REV 2                      | NITRATE-NITRITE AS N           | VA      | EPA 353.2 REV 2                      | NITRITE AS N                    | VA      |
| EPA 365.1 REV 2                      | ORTHOPHOSPHATE AS P            | VA      | SIMPLATE                             | HETEROTROPHIC PLATE COUNT       | VA      |
| SM 2120 B-2021                       | COLOR                          | VA      | SM 2320 B-2021                       | ALKALINITY AS CaCO <sub>3</sub> | VA      |
| SM 2510 B-2021                       | CONDUCTIVITY                   | VA      | SM 2540 C-2020                       | RESIDUE-FILTERABLE (TDS)        | VA      |
| SM 5310 C-2014                       | DISSOLVED ORGANIC CARBON (DOC) | VA      | SM 5310 C-2014                       | TOTAL ORGANIC CARBON (TOC)      | VA      |
| SM 5910 B-2021                       | UV 254                         | VA      | SM 9223 B COLILERT (P/A)             | ESCHERICHIA COLI (E COLI)       | VA      |
| SM 9223 B COLILERT (P/A)             | TOTAL COLIFORMS                | VA      | SM 9223 B COLILERT QUANTI-TRAY (MPN) | ESCHERICHIA COLI (E COLI)       | VA      |
| SM 9223 B COLILERT QUANTI-TRAY (MPN) | TOTAL COLIFORMS                | VA      |                                      |                                 |         |

NON-POTABLE WATER

| METHOD                     | ANALYTE                   | PRIMARY | METHOD            | ANALYTE              | PRIMARY |
|----------------------------|---------------------------|---------|-------------------|----------------------|---------|
| COLILERT QUANTI-TRAY (MPN) | ESCHERICHIA COLI (E COLI) | VA      | EPA 200.7 REV 4.4 | ALUMINUM             | VA      |
| EPA 200.7 REV 4.4          | ANTIMONY                  | VA      | EPA 200.7 REV 4.4 | ARSENIC              | VA      |
| EPA 200.7 REV 4.4          | BARIUM                    | VA      | EPA 200.7 REV 4.4 | BERYLLIUM            | VA      |
| EPA 200.7 REV 4.4          | BORON                     | VA      | EPA 200.7 REV 4.4 | CADMIUM              | VA      |
| EPA 200.7 REV 4.4          | CALCIUM                   | VA      | EPA 200.7 REV 4.4 | CHROMIUM             | VA      |
| EPA 200.7 REV 4.4          | COBALT                    | VA      | EPA 200.7 REV 4.4 | COPPER               | VA      |
| EPA 200.7 REV 4.4          | IRON                      | VA      | EPA 200.7 REV 4.4 | LEAD                 | VA      |
| EPA 200.7 REV 4.4          | MAGNESIUM                 | VA      | EPA 200.7 REV 4.4 | MANGANESE            | VA      |
| EPA 200.7 REV 4.4          | MOLYBDENUM                | VA      | EPA 200.7 REV 4.4 | NICKEL               | VA      |
| EPA 200.7 REV 4.4          | POTASSIUM                 | VA      | EPA 200.7 REV 4.4 | SELENIUM             | VA      |
| EPA 200.7 REV 4.4          | SILVER                    | VA      | EPA 200.7 REV 4.4 | SODIUM               | VA      |
| EPA 200.7 REV 4.4          | THALLIUM                  | VA      | EPA 200.7 REV 4.4 | VANADIUM             | VA      |
| EPA 200.7 REV 4.4          | ZINC                      | VA      | EPA 300.0 REV 2.1 | CHLORIDE             | VA      |
| EPA 300.0 REV 2.1          | FLUORIDE                  | VA      | EPA 300.0 REV 2.1 | SULFATE              | VA      |
| EPA 335.4 REV 1.0          | CYANIDE                   | VA      | EPA 350.1 REV 2   | AMMONIA AS N         | VA      |
| EPA 353.2 REV 2            | NITRATE AS N              | VA      | EPA 353.2 REV 2   | NITRATE-NITRITE AS N | VA      |

This Scope of Accreditation must accompany the Certificate issued by Virginia DCLS with the same Certificate Number indicated above.



Commonwealth of Virginia  
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Scope of Accreditation

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NON-POTABLE WATER

| <u>METHOD</u>                   | <u>ANALYTE</u>                  | <u>PRIMARY</u> | <u>METHOD</u>                                             | <u>ANALYTE</u>                      | <u>PRIMARY</u> |
|---------------------------------|---------------------------------|----------------|-----------------------------------------------------------|-------------------------------------|----------------|
| EPA 353.2 REV 2                 | NITRITE AS N                    | VA             | EPA 365.1 REV 2                                           | ORTHOPHOSPHATE AS P                 | VA             |
| EPA 420.4 REV 1                 | TOTAL PHENOLICS                 | VA             | EPA 6010 C                                                | ALUMINUM                            | VA             |
| EPA 6010 C                      | ANTIMONY                        | VA             | EPA 6010 C                                                | ARSENIC                             | VA             |
| EPA 6010 C                      | BARIUM                          | VA             | EPA 6010 C                                                | BERYLLIUM                           | VA             |
| EPA 6010 C                      | BORON                           | VA             | EPA 6010 C                                                | CADMIUM                             | VA             |
| EPA 6010 C                      | CALCIUM                         | VA             | EPA 6010 C                                                | CHROMIUM                            | VA             |
| EPA 6010 C                      | COBALT                          | VA             | EPA 6010 C                                                | COPPER                              | VA             |
| EPA 6010 C                      | IRON                            | VA             | EPA 6010 C                                                | LEAD                                | VA             |
| EPA 6010 C                      | MAGNESIUM                       | VA             | EPA 6010 C                                                | MANGANESE                           | VA             |
| EPA 6010 C                      | MOLYBDENUM                      | VA             | EPA 6010 C                                                | NICKEL                              | VA             |
| EPA 6010 C                      | POTASSIUM                       | VA             | EPA 6010 C                                                | SELENIUM                            | VA             |
| EPA 6010 C                      | SILVER                          | VA             | EPA 6010 C                                                | SODIUM                              | VA             |
| EPA 6010 C                      | STRONTIUM                       | VA             | EPA 6010 C                                                | THALLIUM                            | VA             |
| EPA 6010 C                      | VANADIUM                        | VA             | EPA 6010 C                                                | ZINC                                | VA             |
| EPA 6010 C - EXTENDED           | SULFUR                          | VA             | EPA 7196 A                                                | CHROMIUM VI                         | VA             |
| EPA 9012 B                      | CYANIDE, TOTAL                  | VA             | EPA 9056 A                                                | CHLORIDE                            | VA             |
| EPA 9056 A                      | FLUORIDE                        | VA             | EPA 9056 A                                                | SULFATE                             | VA             |
| EPA 9060 A                      | TOTAL ORGANIC CARBON (TOC)      | VA             | HACH 10242                                                | KJELDAHL NITROGEN - TOTAL (TKN)     | VA             |
| HACH 8000                       | CHEMICAL OXYGEN DEMAND (COD)    | VA             | SM 2120 B-2021                                            | COLOR                               | VA             |
| SM 2320 B-2021                  | ALKALINITY AS CaCO <sub>3</sub> | VA             | SM 2340 B-2021                                            | TOTAL HARDNESS AS CaCO <sub>3</sub> | VA             |
| SM 2510 B-2021                  | CONDUCTIVITY                    | VA             | SM 2540 B-2020                                            | RESIDUE-TOTAL (TS)                  | VA             |
| SM 2540 C-2020                  | RESIDUE-FILTERABLE (TDS)        | VA             | SM 2540 D-2020                                            | RESIDUE-NONFILTERABLE (TSS)         | VA             |
| SM 2540 E-2020                  | VOLATILE SUSPENDED SOLIDS       | VA             | SM 2540 F-2020                                            | RESIDUE-SETTLEABLE                  | VA             |
| SM 3500-CR B-2020               | CHROMIUM VI                     | VA             | SM 4500-NH <sub>3</sub> D-2021                            | AMMONIA AS N                        | VA             |
| SM 4500-P E-2021 (AS HACH 8190) | PHOSPHORUS, TOTAL               | VA             | SM 4500-S <sub>2</sub> <sup>-</sup> D-2021 (AS HACH 8131) | SULFIDE                             | VA             |
| SM 5210 B-2016                  | BIOCHEMICAL OXYGEN DEMAND (BOD) | VA             | SM 5210 B-2016                                            | CARBONACEOUS BOD (CBOD)             | VA             |
| SM 5310 C-2014                  | TOTAL ORGANIC CARBON (TOC)      | VA             | SM 9221 E-2014                                            | FECAL COLIFORMS                     | VA             |

SOLID AND CHEMICAL MATERIALS

| <u>METHOD</u>  | <u>ANALYTE</u>     | <u>PRIMARY</u> | <u>METHOD</u>  | <u>ANALYTE</u>                  | <u>PRIMARY</u> |
|----------------|--------------------|----------------|----------------|---------------------------------|----------------|
| EPA 9095 B     | FREE LIQUID        | VA             | SM 2320 B-2021 | ALKALINITY AS CaCO <sub>3</sub> | VA             |
| SM 2540 G-2011 | RESIDUE-TOTAL (TS) | VA             | SM 2540 G-2011 | RESIDUE-VOLATILE                | VA             |
| SM 9221 E-2014 | FECAL COLIFORMS    | VA             |                |                                 |                |