



**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 2009 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: **March 15, 2021**
Expiration Date: **March 14, 2022**
Certificate # 11223

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.



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



Scope of Accreditation

VELAP Certificate No.: 11223

Blue Ridge Analytical LLC
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DRINKING WATER

METHOD	ANALYTE	PRIMARY
EPA 200.7 REV 4.4	ALUMINUM	VA
EPA 200.7 REV 4.4	CALCIUM	VA
EPA 200.7 REV 4.4	COPPER	VA
EPA 200.7 REV 4.4	MAGNESIUM	VA
EPA 200.7 REV 4.4	NICKEL	VA
EPA 200.7 REV 4.4	SODIUM	VA
EPA 200.9 REV 2.2	LEAD	VA
EPA 300.0 REV 2.1	FLUORIDE	VA
SIMPLATE	HETEROTROPHIC PLATE COUNT	VA
SM 2510 B-2011	CONDUCTIVITY	VA
SM 5310 C-2011	DISSOLVED ORGANIC CARBON (DOC)	VA
SM 9223 COLILERT MPN	ESCHERICHIA COLI	VA
SM 9223 COLILERT P/A	ESCHERICHIA COLI	VA

METHOD	ANALYTE	PRIMARY
EPA 200.7 REV 4.4	BARIUM	VA
EPA 200.7 REV 4.4	CHROMIUM	VA
EPA 200.7 REV 4.4	IRON	VA
EPA 200.7 REV 4.4	MANGANESE	VA
EPA 200.7 REV 4.4	SILVER	VA
EPA 200.7 REV 4.4	ZINC	VA
EPA 300.0 REV 2.1	CHLORIDE	VA
EPA 300.0 REV 2.1	SULFATE	VA
SM 2320 B-2011	ALKALINITY AS CaCO3	VA
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	VA
SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)	VA
SM 9223 COLILERT MPN	TOTAL COLIFORMS	VA
SM 9223 COLILERT P/A	TOTAL COLIFORMS	VA

NON-POTABLE WATER

METHOD	ANALYTE	PRIMARY
COLILERT MPN	ESCHERICHIA COLI	VA
EPA 200.7 REV 4.4	ANTIMONY	VA
EPA 200.7 REV 4.4	BARIUM	VA
EPA 200.7 REV 4.4	BORON	VA
EPA 200.7 REV 4.4	CALCIUM	VA
EPA 200.7 REV 4.4	COBALT	VA
EPA 200.7 REV 4.4	IRON	VA
EPA 200.7 REV 4.4	MAGNESIUM	VA
EPA 200.7 REV 4.4	MOLYBDENUM	VA
EPA 200.7 REV 4.4	POTASSIUM	VA
EPA 200.7 REV 4.4	SILVER	VA
EPA 200.7 REV 4.4	THALLIUM	VA
EPA 200.7 REV 4.4	ZINC	VA
EPA 300.0 REV 2.1	FLUORIDE	VA
EPA 6010 C	ALUMINUM	VA
EPA 6010 C	ARSENIC	VA
EPA 6010 C	BERYLLIUM	VA
EPA 6010 C	CADMIUM	VA
EPA 6010 C	CHROMIUM	VA
EPA 6010 C	COPPER	VA
EPA 6010 C	LEAD	VA

METHOD	ANALYTE	PRIMARY
EPA 200.7 REV 4.4	ALUMINUM	VA
EPA 200.7 REV 4.4	ARSENIC	VA
EPA 200.7 REV 4.4	BERYLLIUM	VA
EPA 200.7 REV 4.4	CADMIUM	VA
EPA 200.7 REV 4.4	CHROMIUM	VA
EPA 200.7 REV 4.4	COPPER	VA
EPA 200.7 REV 4.4	LEAD	VA
EPA 200.7 REV 4.4	MANGANESE	VA
EPA 200.7 REV 4.4	NICKEL	VA
EPA 200.7 REV 4.4	SELENIUM	VA
EPA 200.7 REV 4.4	SODIUM	VA
EPA 200.7 REV 4.4	VANADIUM	VA
EPA 300.0 REV 2.1	CHLORIDE	VA
EPA 300.0 REV 2.1	SULFATE	VA
EPA 6010 C	ANTIMONY	VA
EPA 6010 C	BARIUM	VA
EPA 6010 C	BORON	VA
EPA 6010 C	CALCIUM	VA
EPA 6010 C	COBALT	VA
EPA 6010 C	IRON	VA
EPA 6010 C	MAGNESIUM	VA

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



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Scope of Accreditation

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NON-POTABLE WATER

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 6010 C	MANGANESE	VA
EPA 6010 C	NICKEL	VA
EPA 6010 C	SELENIUM	VA
EPA 6010 C	SODIUM	VA
EPA 6010 C	THALLIUM	VA
EPA 6010 C	ZINC	VA
EPA 9056 A	CHLORIDE	VA
EPA 9056 A	SULFATE	VA
HACH 8000	CHEMICAL OXYGEN DEMAND (COD)	VA
SM 2340 B-2011	TOTAL HARDNESS AS CaCO ₃	VA
SM 2540 B-2011	RESIDUE-TOTAL (TS)	VA
SM 2540 D-2011	RESIDUE-NONFILTERABLE (TSS)	VA
SM 3500-CR B-2011	CHROMIUM VI	VA
SM 5210 B-2011	BIOCHEMICAL OXYGEN DEMAND (BOD)	VA
SM 5310 C-2011	TOTAL ORGANIC CARBON (TOC)	VA

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 6010 C	MOLYBDENUM	VA
EPA 6010 C	POTASSIUM	VA
EPA 6010 C	SILVER	VA
EPA 6010 C	STRONTIUM	VA
EPA 6010 C	VANADIUM	VA
EPA 7196 A	CHROMIUM VI	VA
EPA 9056 A	FLUORIDE	VA
EPA 9060 A	TOTAL ORGANIC CARBON (TOC)	VA
SM 2320 B-2011	ALKALINITY AS CaCO ₃	VA
SM 2510 B-2011	CONDUCTIVITY	VA
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	VA
SM 2540 F-2011	RESIDUE-SETTLABLE	VA
SM 4500-NH ₃ D-2011	AMMONIA AS N	VA
SM 5210 B-2011	CARBONACEOUS BOD (CBOD)	VA
SM 9221 E + C-2006	FECAL COLIFORMS	VA

SOLID AND CHEMICAL MATERIALS

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 9095 B	FREE LIQUID	VA
SM 2540 G-2011	RESIDUE-TOTAL (TS)	VA
SM 9221 E + C-2006	FECAL COLIFORMS	VA

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
SM 2320 B-2011	ALKALINITY AS CaCO ₃	VA
SM 2540 G-2011	RESIDUE-VOLATILE	VA