



March 09, 2020

MICHELLE JASPER  
SVL ANALYTICAL INC  
PO BOX 929  
KELLOG, IDAHO 83837

Laboratory ID # 58004  
Certificate # 58004001

Dear Michelle Jasper:

On February 27, 2020, the Laboratory Certification Program completed the review of the application requesting certification in South Carolina. This letter informs you of the laboratory's approved reporting status as of the above-mentioned date for the attached methods/parameters.

An official certificate cannot be forwarded to you until the appropriate certification fees are paid for the current fiscal year. The parameter list on the invoice should be compared with your laboratory's original application to determine if any parameters have been inadvertently added or omitted. If problems are detected, please contact the Laboratory Certification Program within ten (10) working days.

This letter, with your invoice, may be used as verification of your laboratory's approved reporting status until the certification fees have been paid. The identification number listed above has been assigned to your laboratory and must be placed on all data reports generated for clients in South Carolina and on all documentation submitted to the Laboratory Certification Program from your laboratory.

If you have any questions concerning this letter or the Laboratory Certification Program, please contact us at (803)896-0970 or e-mail [labcerthelp@dhec.sc.gov](mailto:labcerthelp@dhec.sc.gov).

Sincerely,

Office of Environmental Laboratory Certification  
Bureau of Environmental Health Services

Enclosure

cc: Bennie L. Cockerel, Jr., Program Manager  
Office of Environmental Laboratory Certification

*Register on our website at [www.scdhec.gov/labcert](http://www.scdhec.gov/labcert) to receive e-mail updates for the Laboratory Certification Program. Subscribing is easy and you'll automatically receive new posts to our website.*

**SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  
 ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM  
 INTERIM APPROVAL**

**SVL ANALYTICAL INC (Laboratory ID 58004)**  
 Laboratory Director: **MICHELLE JASPER**  
 Certifying Authority: **ID**  
 Certificate Number: **58004001**

Date of Issue: **February 27, 2020**  
 Expiration Date: **April 30, 2020**

**STATUS**

**CLEAN WATER ACT**

**INORGANIC - MINERAL**

ACIDITY	SM 2310 B-2011	ELECTROMETRIC OR PHENOLPHTHALEIN ENDPOINT	A
ALKALINITY	SM 2320 B-2011	TITRIMETRIC	A
CHLORIDE	EPA 300.0 (1993)	ION CHROMATOGRAPHY	A
HARDNESS, TOTAL (AS CaCO3)	SM 2340 B-2011	CALCULATIONS	A
SULFATE	EPA 300.0 (1993)	ION CHROMATOGRAPHY	A

**INORGANIC - MISCELLANEOUS**

CYANIDE, TOTAL	EPA 335.4 (1993)	SEMI-AUTOMATED COLORIMETRY	A
SULFIDE	SM 4500-S2 F-2011	TITRIMETRIC (IODINE)	A
TURBIDITY	EPA 180.1 (1993)	NEPHELOMETRIC	A

**INORGANIC - NUTRIENT**

AMMONIA-NITROGEN	EPA 350.1 (1993)	MANUAL DISTILLATION WITH AUTOMATED PHENATE	A
KJELDAHL-NITROGEN	EPA 351.2 (1993)	SEMI-AUTOMATED BLOCK DIGESTER COLORIMETRIC	A
NITRATE-NITRITE (NO2&NO3)	EPA 353.2 (1993)	CADMIUM REDUCTION (AUTOMATED)	A
NITRATE-NITROGEN	EPA 300.0 (1993)	ION CHROMATOGRAPHY	A
ORTHOPHOSPHATE	SM 4500-P E-2011	ASCORBIC ACID (MANUAL SINGLE REAGENT)	A

**INORGANIC - RESIDUE**

RESIDUE, FILTERABLE (TDS)	SM 2540 C-2011	GRAVIMETRIC (180)	A
RESIDUE, NONFILTERABLE (TSS)	SM 2540 D-2011	GRAVIMETRIC 103-105	A

**INORGANIC - TRACE METAL**

ALUMINIUM	EPA 200.8 (1994)	ICP/MS	A
ANTIMONY	EPA 200.8 (1994)	ICP/MS	A
ARSENIC	EPA 200.8 (1994)	ICP/MS	A
BORON	EPA 200.7 (1994)	ICP/AES	A
CADMIUM	EPA 200.8 (1994)	ICP/MS	A
CALCIUM	EPA 200.7 (1994)	ICP/AES	A
CHROMIUM	EPA 200.8 (1994)	ICP/MS	A
CHROMIUM, HEXAVALENT	SM 3500-CR B-2011	COLORIMETRIC (DIPHENYLCARBAZIDE)	A
COPPER	EPA 200.8 (1994)	ICP/MS	A
IRON	EPA 200.8 (1994)	ICP/MS	A
LEAD	EPA 200.8 (1994)	ICP/MS	A
MAGNESIUM	EPA 200.8 (1994)	ICP/MS	A
MANGANESE	EPA 200.7 (1994)	ICP/AES	A

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**Laboratory Director: MICHELLE JASPER**  
**Certifying Authority: ID**  
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**INORGANIC - TRACE METAL**

NICKEL	EPA 200.8 (1994)	ICP/MS	A
POTASSIUM	EPA 200.7 (1994)	ICP/AES	A
SELENIUM	EPA 200.8 (1994)	ICP/MS	A
SILICA, DISSOLVED	EPA 200.7 (1994)	ICP/AES	A
SODIUM	EPA 200.7 (1994)	ICP/AES	A
THALLIUM	EPA 200.8 (1994)	ICP/MS	A
ZINC	EPA 200.7 (1994)	ICP/AES	A

**SOLID & HAZARDOUS WASTES**

**INORGANIC - HAZARDOUS WASTE CHARACTERISTICS**

TCLP - BOTTLE EXTRACTION	EPA 1311 (1992)	TOXICITY CHARACTERISTIC LEACHING PROCEDURE	A
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**INORGANIC - MISCELLANEOUS**

CYANIDE, TOTAL	EPA 9012B (2004)	TOTAL AND AMENABLE (COLORIMETRIC, AUTOMATED UV)	A
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**INORGANIC - TRACE METAL**

ARSENIC	EPA 6010D (2014)	ICP/AES	A
BARIUM	EPA 6010D (2014)	ICP/AES	A
CADMIUM	EPA 6010D (2014)	ICP/AES	A
CHROMIUM	EPA 6010D (2014)	ICP/AES	A
LEAD	EPA 6010D (2014)	ICP/AES	A
MERCURY	EPA 7470A (1994)	COLD VAPOR TECHNIQUE LIQUID	A
METALS DIGESTION	EPA 3005A (1992)	AQUEOUS ACID DIGESTION TOTAL OR DISSOLVED METALS FLAA OR ICP A	A
METALS DIGESTION	EPA 3010A (1992)	AQUEOUS ACID DIGESTION TOTAL METALS FLAA OR ICP	A
METALS DIGESTION	EPA 3020A (1992)	AQUEOUS ACID DIGESTION TOTAL METALS FLAA OR ICP	A
METALS DIGESTION	EPA 3050B (1996)	AQUEOUS ACID DIGESTION TOTAL METALS GFAA	A
SELENIUM	EPA 6010D (2014)	SOLID ACID DIGESTION	A
SILVER	EPA 6010D (2014)	ICP/AES	A