



# Life Science Laboratories, Inc.

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St. Lawrence-Lewis Boces  
7231 St Hwy 56  
Norwood, NY 13668

Phone: (315) 386-4504

Authorization: PO #A102123

## Laboratory Analysis Report

### Prepared For

### St. Lawrence-Lewis Boces

Client Project ID:

**Learning Resource Center**

LSL Project ID: **1617246**

Receive Date/Time: 10/13/16 15:54

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LSL Central Lab  
5854 Butternut Drive  
East Syracuse, NY 13057  
Tel. (315) 445-1900  
Fax (315) 445-1104  
NYS DOH ELAP #10248  
PA DEP #68-2556

LSL North Lab  
131 St. Lawrence Avenue  
Waddington, NY 13694  
Tel. (315) 388-4476  
Fax (315) 388-4061  
NYS DOH ELAP #10900

LSL Finger Lakes Lab  
16 N. Main St., PO Box 424  
Wayland, NY 14572  
Tel. (585) 728-3320  
Fax (585) 728-2711  
NYS DOH ELAP #11667

LSL Southern Tier Office  
Cuba, NY  
Tel. (585) 209-4032

LSL MidLakes Office  
Canandaigua, NY  
Tel. (585) 728-3320

Reviewed by:

  
LaDonna Kibler, Quality Assurance

Date:

11/14/16

**- - LABORATORY ANALYSIS REPORT - -**

*St. Lawrence-Lewis Boces Norwood, NY*

**Sample ID:** Lead Study **LSL Sample ID:** 1617246-001

**Location:**

**Sampled:** 10/13/16 6:59 **Sampled By:** Client

**Sample Matrix:** PWS

<b>Analytical Method</b>	<b>Prep Method</b>	<b>Prep Date</b>	<b>Analysis Date &amp; Time</b>	<b>Analyst Initials</b>
<b>Analyte</b>	<b>Result</b>	<b>Units</b>		

(1) Lead Study

**Number of Samples**

5

MT

*Please refer to the chain of custody form on the last page of this report for the detailed descriptions of where these samples were taken.*

**Analysis performed at:** (1) LSL Central Lab, (2) LSL North Lab, (3) LSL Finger Lakes Lab



**Life Science Laboratories, Inc.**  
 5854 Butternut Drive  
 East Syracuse, NY 13057 (315) 445-1900

# Analytical Results

State Certification No: 10248

**CLIENT:** Life Science Labs-LIMS  
**Project:** 1617246-St. Lawrence-Lewis Boces  
**Location:** Learning Resource Center  
**Matrix:** PWS

**Client Sample ID:** LRC-1  
**Lab ID:** K1610343-001A  
**Collection Date:** 10/13/16 6:59  
**Date Received:** 10/13/16 15:54

Analyte	Result and Qualifiers	Units	Date Analyzed
<b>METALS BY ICPMS</b>		<b>EPA 200.8</b>	<b>(EPA 200.2)</b>
Lead	0.021 *	mg/L	10/30/16 14:19

- Qualifiers:**
- \* Value may exceed the Acceptable Level
  - E Value exceeds the instrument calibration range
  - J Analyte detected below the PQL
  - P Prim./Conf. column %D or RPD exceeds limit
  - B Analyte detected in the associated Method Blank
  - H Holding times for preparation or analysis exceeded
  - ND Not Detected at the Practical Quantitation Limit (PQL)
  - S Spike Recovery outside accepted recovery limits



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East Syracuse, NY 13057

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**Analytical Results**

State Certification No: 10248

**CLIENT:** Life Science Labs-LIMS  
**Project:** 1617246-St. Lawrence-Lewis Boces  
**Location:** Learning Resource Center  
**Matrix:** PWS

**Client Sample ID:** LRC-2

**Lab ID:** K1610343-002A  
**Collection Date:** 10/13/16 6:58  
**Date Received:** 10/13/16 15:54

Analyte	Result and Qualifiers	Units	Date Analyzed
<b>METALS BY ICPMS</b>		<b>EPA 200.8</b>	<b>(E200.2)</b>
Lead	0.060 *	mg/L	10/30/16 14:24

**Qualifiers:**

- \* Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



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 East Syracuse, NY 13057 (315) 445-1900

# Analytical Results

State Certification No: 10248

**CLIENT:** Life Science Labs-LIMS  
**Project:** 1617246-St. Lawrence-Lewis Boces  
**Location:** Learning Resource Center  
**Matrix:** PWS

**Client Sample ID:** LRC-3  
**Lab ID:** K1610343-003A  
**Collection Date:** 10/13/16 6:57  
**Date Received:** 10/13/16 15:54

Analyte	Result and Qualifiers	Units	Date Analyzed
<b>METALS BY ICPMS</b>		<b>EPA 200.8</b>	<b>(EPA 200.2)</b>
Lead	0.0012	mg/L	10/30/16 14:30

- Qualifiers:**
- \* Value may exceed the Acceptable Level
  - E Value exceeds the instrument calibration range
  - J Analyte detected below the PQL
  - P Prim./Conf. column %D or RPD exceeds limit
  - B Analyte detected in the associated Method Blank
  - H Holding times for preparation or analysis exceeded
  - ND Not Detected at the Practical Quantitation Limit (PQL)
  - S Spike Recovery outside accepted recovery limits



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 East Syracuse, NY 13057 (315) 445-1900

# Analytical Results

State Certification No: 10248

**CLIENT:** Life Science Labs-LIMS  
**Project:** 1617246-St. Lawrence-Lewis Boces  
**Location:** Learning Resource Center  
**Matrix:** PWS

**Client Sample ID:** LRC-4  
**Lab ID:** K1610343-004A  
**Collection Date:** 10/13/16 6:56  
**Date Received:** 10/13/16 15:54

Analyte	Result and Qualifiers	Units	Date Analyzed
<b>METALS BY ICPMS</b>		<b>EPA 200.8</b>	<b>(EPA 200.2)</b>
Lead	0.0010	mg/L	10/30/16 14:32

- Qualifiers:**
- \* Value may exceed the Acceptable Level
  - E Value exceeds the instrument calibration range
  - J Analyte detected below the PQL
  - P Prim./Conf. column %D or RPD exceeds limit
  - B Analyte detected in the associated Method Blank
  - H Holding times for preparation or analysis exceeded
  - ND Not Detected at the Practical Quantitation Limit (PQL)
  - S Spike Recovery outside accepted recovery limits



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 East Syracuse, NY 13057 (315) 445-1900

# Analytical Results

State Certification No: 10248

**CLIENT:** Life Science Labs-LIMS  
**Project:** 1617246-St. Lawrence-Lewis Boces  
**Location:** Learning Resource Center  
**Matrix:** PWS

**Client Sample ID:** LRC-5  
**Lab ID:** K1610343-005A  
**Collection Date:** 10/13/16 6:58  
**Date Received:** 10/13/16 15:54

Analyte	Result and Qualifiers	Units	Date Analyzed
<b>METALS BY ICPMS</b>		<b>EPA 200.8</b>	<b>(EPA 200.2)</b>
Lead	0.0061	mg/L	10/30/16 14:34

- Qualifiers:**
- \* Value may exceed the Acceptable Level
  - E Value exceeds the instrument calibration range
  - J Analyte detected below the PQL
  - P Prim./Conf. column %D or RPD exceeds limit
  - B Analyte detected in the associated Method Blank
  - H Holding times for preparation or analysis exceeded
  - ND Not Detected at the Practical Quantitation Limit (PQL)
  - S Spike Recovery outside accepted recovery limits

# Life Science Laboratories, Inc.

## Sample Receipt Checklist

LSL LIMS

**Project ID**

1617246

**Client ID:** Invoiced\_Government

**Shipment Number** 1

**SRC Completed By:** njw2

**Date:** 11/14/2016 3:35:28 PM

<i>COC Date/Time</i>	<i>Received By</i>	<i>Carrier</i>	<i>ShippingID</i>
10/13/2016 3:54:00 PM	cab1	Hand Delivered	
<i>Shipping container/cooler in good condition?</i>	Yes	<i>Sample containers intact?</i>	Yes
<i>Custody seal intact on shipping container/cooler?</i>	N/A	<i>Sufficient sample volume for indicated test?</i>	Yes
<i>Custody seals intact on sample bottles?</i>	N/A	<i>All samples received within holding time?</i>	Yes
<i>Chain of Custody present?</i>	Yes	<i>Container/Temp Blank temperature in compliance?</i>	Yes
<i>COC signed when relinquished and received?</i>	No	<i>Water - VOA vials have zero headspace?</i>	N/A
<i>COC agrees with sample labels?</i>	Yes	<i>Water - pH acceptable upon receipt?</i>	N/A
<i>Samples in proper containers/bottles?</i>	Yes	<i>Water - HNO3 added to unpreserved metal sample(s) to a pH of &lt;2?</i>	Yes

**Comments:**

**Corrective Action:**

**Reviewed By:**

OK, 11/14/16





# Life Science Laboratories, Inc.

## CHAIN OF CUSTODY RECORD

1617246

North Lab  
131 St. Law Ave  
Waddington, NY 13694  
Ph# 315-388-4476  
Fax# 315-388-4061

Central Lab  
5854 Butternut Dr  
E Syracuse, NY 13057  
Ph# 315-445-1105  
Fax# 315-445-1301

Invoiced Government  
K1610343 200  
R1610343 200

Report Address: 10/28  
 Name: LEARNING RESOURCE CENTER  
 Company: ST. LAWRENCE - LEWIS BOCES  
 Street: 7231 SA 56  
 City/State: NORWOOD NY Zip: \_\_\_\_\_  
 Phone: 315 386 4504 Fax: \_\_\_\_\_  
 Email: lrc@stlaw.edu

Client Project ID/Client Site ID: \_\_\_\_\_

Client's Sample Identifications	Sample Date	Sample Time	Type grab/comp	Matrix	Preserv Added	Containers		Analyses	Preserv Check	LSL ID#
						#	size/type			
LRC FURNACE SS	10/13/16	6:59 AM	Grab	PW	HNO <sub>3</sub>	1	250mlp	Lead	OK	1
LRC 19 EW	10/13/16	6:58 AM								2
LRC BR RS	10/13/16	6:57 AM								3
LRC 19 RS	10/13/16	6:56 AM								4
LRC 9 RS	10/13/16	6:58 AM								5

Turnaround Time: Normal 14 DAY  Pre-Authorized Next Day\* 2-Day\*  3-Day\*  7-Day\*  \*Additional Charges may apply

Date Needed or Special Instructions: \_\_\_\_\_

Authorization or P.O. # \_\_\_\_\_

Federal WS ID # \_\_\_\_\_

Containers this C-O-C: 50

\*\*Samples Must be Received on Ice\*\*

Received By: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_  
 Rec'd for Lab By: CAB  
 Received Intact: YN

Sampled By: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_  
 Rec'd for Lab By: CAB  
 Received Intact: YN

Shipments Method: \_\_\_\_\_

Containers this C-O-C: \_\_\_\_\_

\*\*\* All areas of this Chain of Custody Record MUST be filled out in order to process samples in a timely manner IN PEN ONLY\*\*\*

Lead