



Life Science Laboratories, Inc.

Date Printed: 4/12/17

Laboratory Analysis Report Prepared For Cato Meridian CSD

LSL Project ID: 1704494

Joseph Philips
Cato Meridian CSD
2851 Rt. 370
Cato, NY 13033

Phone: (315) 532-3809

A copy of this report was sent to:

Sample ID: Lead Study	LSL Sample ID: 1704494-001
Location:	Receive Date/Time: 04/04/17 14:40
Sampled: 03/31/17 7:12	Project Rec'd by: RSD2
Sampled By: JP	Matrix: PW

Analytical Method	Prep Method	Prep Date	Analysis Date & Time	Analyst Initials
Analyte	Result Units			

(1) Lead Study				
Number of Samples	8			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.

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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
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Reviewed by:

LaDonna Kibler
LaDonna Kibler, Quality Assurance

Date:

4/17/17

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: 1704494-Cato Meridian CSD
Location:
Matrix: PW

Client Sample ID: *HS 56 girls*

Lab ID: K1704060-001A
Collection Date: 03/31/17 7:12
Date Received: 04/04/17 14:40

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8	(EPA 200.2)
Lead	0.0069	mg/L	04/11/17 11:43

- 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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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: 1704494-Cato Meridian CSD
Location:
Matrix: PW

Client Sample ID: HS 51 Boys
Lab ID: K1704060-002A
Collection Date: 03/31/17 7:14
Date Received: 04/04/17 14:40

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8	(EPA 200.2)
Lead	0.0067	mg/L	04/11/17 11:45

- 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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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: 1704494-Cato Meridian CSD
Location:
Matrix: PW

Client Sample ID: *HS 49 Boys*
Lab ID: K1704060-003A
Collection Date: 03/31/17 7:14
Date Received: 04/04/17 14:40

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8	(EPA 200.2)
Lead	0.0095	mg/L	04/11/17 11:48

- 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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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: 1704494-Cato Meridian CSD
Location:
Matrix: PW

Client Sample ID: MS 17 Boys
Lab ID: K1704060-004A
Collection Date: 03/31/17 6:49
Date Received: 04/04/17 14:40

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8	(EPA 200.2)
Lead	0.0051	mg/L	04/11/17 11:50

- | | |
|---|---|
| <p>Qualifiers:</p> <ul style="list-style-type: none"> * 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 | <ul style="list-style-type: none"> 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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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: 1704494-Cato Meridian CSD
Location:
Matrix: PW

Client Sample ID: MS 18 Girls

Lab ID: K1704060-005A
Collection Date: 03/31/17 6:47
Date Received: 04/04/17 14:40

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8	(EPA 200.2)
Lead	0.0058	mg/L	04/11/17 11:53

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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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: 1704494-Cato Meridian CSD
Location:
Matrix: PW

Client Sample ID: *ES 4 Pre K*
Lab ID: K1704060-006A
Collection Date: 03/31/17 6:39
Date Received: 04/04/17 14:40

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8	(EPA 200.2)
Lead	0.011	mg/L	04/11/17 12:01

- 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.

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East Syracuse, NY 13057

(315) 445-1900

Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: 1704494-Cato Meridian CSD
Location:
Matrix: PW

Client Sample ID: *ES 7 Morris*

Lab ID: K1704060-007A
Collection Date: 03/31/17 6:37
Date Received: 04/04/17 14:40

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8	(EPA 200.2)
Lead	0.0082	mg/L	04/11/17 12:03

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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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: 1704494-Cato Meridian CSD
Location:
Matrix: PW

Client Sample ID: ES 32
Lab ID: K1704060-008A
Collection Date: 03/31/17 6:44
Date Received: 04/04/17 14:40

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8	(EPA 200.2)
Lead	0.0080	mg/L	04/11/17 12:06

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

Life Science Laboratories, Inc.

Sample Receipt Checklist

LSL LIMS

Project ID

1704494

Client ID: Invoiced_Government

Shipment Number 1

SRC Completed By: RSD2

Date: 4/4/2017 2:49:07 PM

<i>COC Date/Time</i>	<i>Received By</i>	<i>Carrier</i>	<i>ShippingID</i>
4/4/2017 2:40:00 PM	RSD2	LSL Field Services	
<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>	Yes	<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 <2?</i>	Yes

Comments:

Corrective Action:

Reviewed By:

SK, 4/17/17

LSL
 Life Science Laboratories, Inc.
 5854 Butternut Drive
 East Syracuse, NY 13057

Chain of Custody Record

1704494

Invoiced Government

Client: Cato Meridian Telephone # (315) 445-1104
 Address: 2851 RT 370 Phone # 315-572-3809
Cato NY 13033 Fax #

Contact Person: Josiah Phillips LSL Project #: 200
 Client's Site I.D.:

LSL Sample Number	Client's Sample Identifications	Authorization: <u>7112</u>		Matrix	Preserv. Added	Containers		Analyses	Free Cl (mg/L)	Pres. Check
		Sample Date	Sample Time			Type	grab comp.			
001	H5 56 girls	3-31-17	7:12 AM	PW	None*	1	250 mL	Lead		↔
002	H5 51 Boys	3-31-17	7:14 AM			1				↓
003	H5 49 Boys	3-31-17	7:14 AM			1				↓
004	PMS 17 Boys	3-31-17	6:49 AM			1				↔
005	M5 18 girls	3-31-17	6:47 AM			1				↓
006	ES 4 Pre K	3-31-17	6:39 AM			1				↔
007	ES 7 Morris	3-31-17	6:37 AM			1				↔
008	ES 32 Warren	3-31-17	6:44 AM			1				↓

Notes and Hazard identifications: 1702

Custody Transfers

Sampled and Relinquished By: _____
 Print Name: _____
 Signature: Jim Pope

Relinquished By: _____
 Received By: _____

Relinquished By: _____
 Received for Lab By: Andrew 4-4-17 14:40

Shipment Method: _____
 Samples Received Intact: Y N