Environmental Health Investigations, Inc.

655 West Shore Trail
Sparta, New Jersey 07871

Phone/Fax: 973-729-5649
www.ehi-inc.com

May 9, 2024

Mr. Vito Bilotta
Community Day Nursery
591 Broadway
Bayonne, NJ 07002

Email: bilottacc@aol.com

Re: Lead & Copper Water Testing
Community Day Nursery, 591 Broadway, Bayonne, NJ
EHI Project #: 1450-11095

Dear Mr. Bilotta:

Enclosed is our report of findings pertaining to the water sampling conducted at the above reference location.

Please let us know if Environmental Health Investigations, Inc. can be of further assistance or if you have any questions. Thank you.

Very truly yours,

John A. Sekelsky

John A. Sekelsky
Senior Project Manager

Environmental Health Investigations, Inc.

655 West Shore Trail
Sparta, New Jersey 07871

Phone/Fax: 973-729-5649
www.ehi-inc.com

REPORT OF FINDINGS

Lead & Copper Water Testing

Conducted At:

Community Day Nursery
591 Broadway
Bayonne, NJ

Testing Conducted: April 19 & 23, 2024
Report Date: May 9, 2024

EHI Project #: 1450-11095

1.0 Introduction

Environmental Health Investigations, Inc. (EHI) was retained by Community Day Nursery to conduct water sampling at their facility located at 591 Broadway in Bayonne, New Jersey.

Testing was conducted for Lead and Copper a requirement by the New Jersey Department of Children and Families for child care centers that are supplied water by a community water system.

2.0 Methods

Samples were collected on April 19, 2024 and April 23, 2024. The samples were analyzed for Copper & Lead content via EPA.

The Drinking Water Testing Checklist for child care centers is attached as *Appendix A* of this report. The facility has four (4) faucets that were identified as being used for drinking and/or food preparation. Three (3) of these faucets are located in the basement kitchen and one (1) a small kitchen on the Second Floor. One half of all other existing faucets were also tested. All sample locations are labeled on the map attached as *Appendix B* of this report.

All samples were analyzed by New Jersey certified drinking water laboratory, Integrated Analytical Laboratory located in Randolph, New Jersey (Lab #: 14751). Laboratory analytical results are attached as *Appendix C* of this report.

3.0 Results

Sample ID	Location	Copper ug/L	Lead ug/L
CDS-041924-1	Basement Kitchen - Large Sink - Right Faucet - Cold Water Faucet- First Draw	74.4	<0.53
CDS-041924-2	Basement Kitchen - Large Sink - Left Faucet - Cold Water Faucet- First Draw	53.9	3.6
CDS-041924-3	Basement Kitchen - Small Sink - Cold Water Faucet- First Draw	81.1	4.0
CDS-041924-4	Basement - Rest Room - Cold Water Faucet - First Draw	56.9	0.79
CDS-041924-5	2nd Floor Kitchenette - Cold Water Faucet- First Draw	63.7	0.71
CDS-041924-6	1st Floor - Room #1 - Cold Water Faucet - First Draw	49.3	1.5
CDS-041924-7	1st Floor - Rest Room - Cold Water Faucet - First Draw	50.0	0.26
CDS-041924-8	2nd Floor - Room #3- Cold Water Faucet - First Draw	73.0	1.5
CDS-041924-9	2nd Floor - Rest Room - Cold Water Faucet - First Draw	55.0	2.9

4.0 Discussion

The New Jersey Drinking Water Standards have action levels for copper at 1300 µg/L and lead at 15 µg/L. No samples exceed the NJ Drinking Water Standard limits.

Sampling & Report: John A. Sekelsky

John A. Sekelsky
Senior Project Manager

Reviewed By: William S. Kerbel

William S. Kerbel, CIH
President

A P P E N D I X

A

NJ DCF Drinking Water Checklist

State of New Jersey
Department of Children and Families
Office of Licensing

DRINKING WATER TESTING CHECKLIST

Note: This form is for child care centers that are supplied water by a community water system.

•PROGRAMS IN OPERATING PUBLIC SCHOOLS ARE NOT REQUIRED TO COMPLETE THIS FORM•

CHILD CARE CENTER INFORMATION

Name of Child Care Center:			License ID:
Community Day Nursery			09COM0001
Site Address of Center:	**Building # and Street:** 591 Broadway	**Municipality:** Bayonne	**County:** Hudson
Sponsor/Sponsor Representative:	**Phone Number:**	**Email:**	
John Sekelsky	(973) 729-5649	jsekelsky@ehi-inc..com	

CERTIFICATION OF COMPLIANCE WITH LEAD & COPPER SAMPLING AT THE ABOVE CHILD CARE CENTER

Sampling Date(s):	April 19 & 23, 2024
1. ☑YES ☐NO	Does the center have a signed contract with a New Jersey Certified Drinking Water Laboratory for lead & copper analysis?
2. ☑YES ☐NO	Is there an onsite water outlet assessment in accordance with technical guidance?
3. ☑YES ☐NO	Is there a floor plan in accordance with technical guidance?
4. ☑YES ☐NO Sample Date: April 19 & 23, 2024	Were all the drinking water outlets in the center where a child or staff has or may have access (including food preparation and outside drinking water outlets) sampled?
5. ☐YES ☑NO Sample Date: April 19 & 23, 2024	Were at least 50% of all indoor water faucets utilized by the center sampled?
6. ☑YES ☐NO	Does the child care center have the chain of custody and analytical reports for all drinking water outlets sampled? **Please attach copies.**
7. ☑YES ☐NO	Was all the drinking water outlets sampled in the sequence determined by the floor plan beginning with the outlet closest to the point of entry?
8. ☑YES ☐NO	Were all samples taken after the water sat undisturbed in pipes for at least 8 hours but no more than 48 hours?
9. ☑YES ☐NO	Were samples collected in pre-cleaned high density polyethylene (HDPE) 250 ml wide mouth single use rigid sample containers?
10. ☑YES ☐NO	Were all existing aerators, screens, and filters left in place prior to and during the sampling event?
11. ☑YES ☐NO	Were only cold water samples collected?
12. ☑YES ☐NO	Did no pre-stagnant flushing take place unless the outlet deviated from normal use and documented on flushing log?
13. ☑YES ☐NO	Was all point of use treatment on outlets, such as filters, documented?
14. ☐YES ☑NO	Did any result exceed the action level for lead (15 µg/L) or copper (1300 µg/L)?
15. ☐YES ☐NO ☑N/A	If a result exceeded the action level for lead (15 µg/L) or copper (1300 µg/L) was use of all drinking water outlets immediately discontinued?
16. ☐YES ☐NO ☑N/A	If a result exceeded the action level for lead (15 µg/L) or copper (1300 µg/L) was bottled water provided for drinking and food preparation?
17. ☐YES ☐NO ☑N/A	If a result exceeded the action level for lead (15 µg/L) or copper (1300 µg/L) were signs posted to indicate that the outlets are not to be used for drinking or food preparation?

18. ☐YES ☐NO ☐N/A	Did all drinking water outlets with a result that exceeded the action level for lead (15 µg/L) or copper (1300 µg/L) have a follow-up flush sample conducted?
19. ☐YES ☐NO ☑N/A	If a result exceeded the action level for lead (15 µg/L) or copper (1300 µg/L) was the local health office notified of results?
20. ☐YES ☐NO ☑N/A	If any of the results exceeded the action level for lead (15 µg/L) or copper (1300 µg/L), was notification, including results and remediation measures, provided to the parent(s) of all children attending the center, the staff, and NJDCF?
21. ☐YES ☐NO ☑N/A	Were any drinking water outlets or potable plumbing replaced or repaired as a remedy for an action level exceedance?
22. ☐YES ☐NO ☐N/A Sample Date: April 19 & 23, 2024	If any drinking water outlet or potable plumbing was replaced or repaired, were additional samples collected after installation?
23. ☐YES ☐NO ☑N/A	Was any chemical treatment unit or process installed to remedy an action level exceedance (e.g., corrosion control treatment)?
24. ☐YES ☐NO ☐N/A Sample Date: April 19 & 23, 2024	If a chemical treatment unit or process was installed to remedy an action level exceedance (e.g., corrosion control treatment), were additional samples collected after the installation?
25. ☐YES ☐NO ☑N/A	Was a mechanical process implemented to remedy an action level exceedance (e.g., flushing program)?
26. ☐YES ☐NO ☑N/A	If a mechanical process was implemented to remedy an action level exceedance (e.g., flushing program), were additional samples collected after the implementation?
27. ☐YES ☐NO ☑N/A	If no remedial action was taken, such as those indicated in 21 through 26 above, has the center implemented a written plan of action for use of bottled water for drinking and food preparation?

CERTIFICATION: By signing below, the **Sponsor or Sponsor Representative** certifies that all answers on this checklist are true and accurate:

Sponsor/Sponsor Representative: (PRINT)	John Sekelsky
Signature:	
Signature Date:	May 9, 2024

DRINKING WATER TESTING RESOURCES

Schools - Lead Sampling Information
http://www.nj.gov/dep/watersupply/schools.htm

Lead Sampling in Schools Technical Guidance FAQs
http://www.nj.gov/dep/watersupply/pdf/leadfaq.pdf

3Ts for Reducing Lead in Drinking Water: Testing
https://www.epa.gov/dwreginfo/3ts-reducing-lead-drinking-water-testing

Quick Reference Guide Sampling For Lead in Drinking Water in Schools:
http://www.nj.gov/dep/watersupply/pdf/quickref.pdf

List of NJ Certified Laboratories:
https://www13.state.nj.us/DataMiner/Search/SearchByCategory?isExternal=y&getCategory=y&catName=Certified+Laboratories

Drinking Water Outlet Inventory Form:
http://www.nj.gov/dep/watersupply/doc/SP_Attachment%20C.docx

Sampling Water Use Certification:
http://www.nj.gov/dep/watersupply/doc/SP_Attachment%20F.docx

Filter Inventory Form:
http://www.nj.gov/dep/watersupply/doc/SP_Attachment%20D.docx

Results Letter Template:
http://www.nj.gov/dep/watersupply/doc/resultsletter.doc

State of New Jersey
Department of Children and Families
Office of Licensing

DRINKING WATER TESTING STATEMENT OF ASSURANCE

•PROGRAMS IN OPERATING PUBLIC SCHOOLS ARE NOT REQUIRED TO COMPLETE THIS FORM•

Name of Child Care Center: COMMUNITY DAY NURSERY	**License ID:** 09C0M001
Site Address *(Building # and Street)*: 591 Broadway	
Municipality: Bayonne	**County:** Hudson
Sponsor/Sponsor Representative: JOHN SEKELSKY	**Phone #:** (973) 729-5649
Sponsor/Sponsor Representative Email: jsekelsky@ehi-inc.com	
Additional Contact Person:	**Phone #:**
Title:	**Email:**

1. The center, as decribed above, has reviewed the MANUAL OF REQUIREMENTS FOR CHILD CARE CENTERS requiring testing for lead and copper in drinking water and provides assurance that the development and implementation of a testing program was completed in accordance with N.J.A.C. 3A:52-5.3(i)5i as evidenced by our completion of the attached Drinking Water Testing Checklist.

2. The center, as decsribed above, provided all notifications of test results consistent with the requirements of this subchapter.

3. The center, as described above, will continue to fully implement the requirements of this subchapter, including the continuance of any actions taken in response to a lead or copper action level exceedance (e.g., continue to provide bottled water and/or maintain any remedial measure or treatment unit).

CERTIFICATION: By signing below, the **Sponsor or Sponsor Representative** certifies that all statements above are true and accurate:

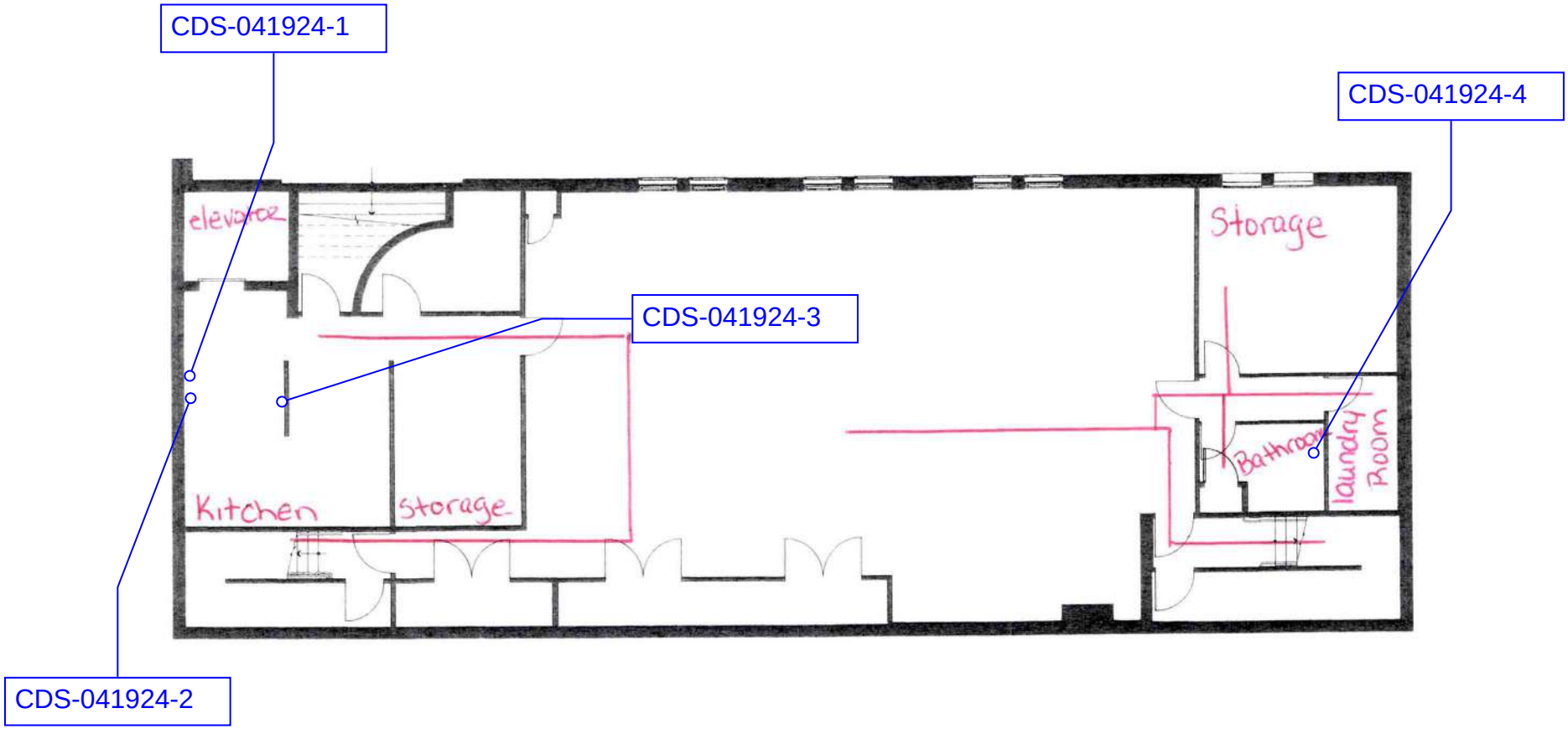
Sponsor/Sponsor Representative: (PRINT)	JOHN SEKELSKY
Signature:	
Signature Date:	May 9, 2024

A P P E N D I X

B

Sample Locations

Basement

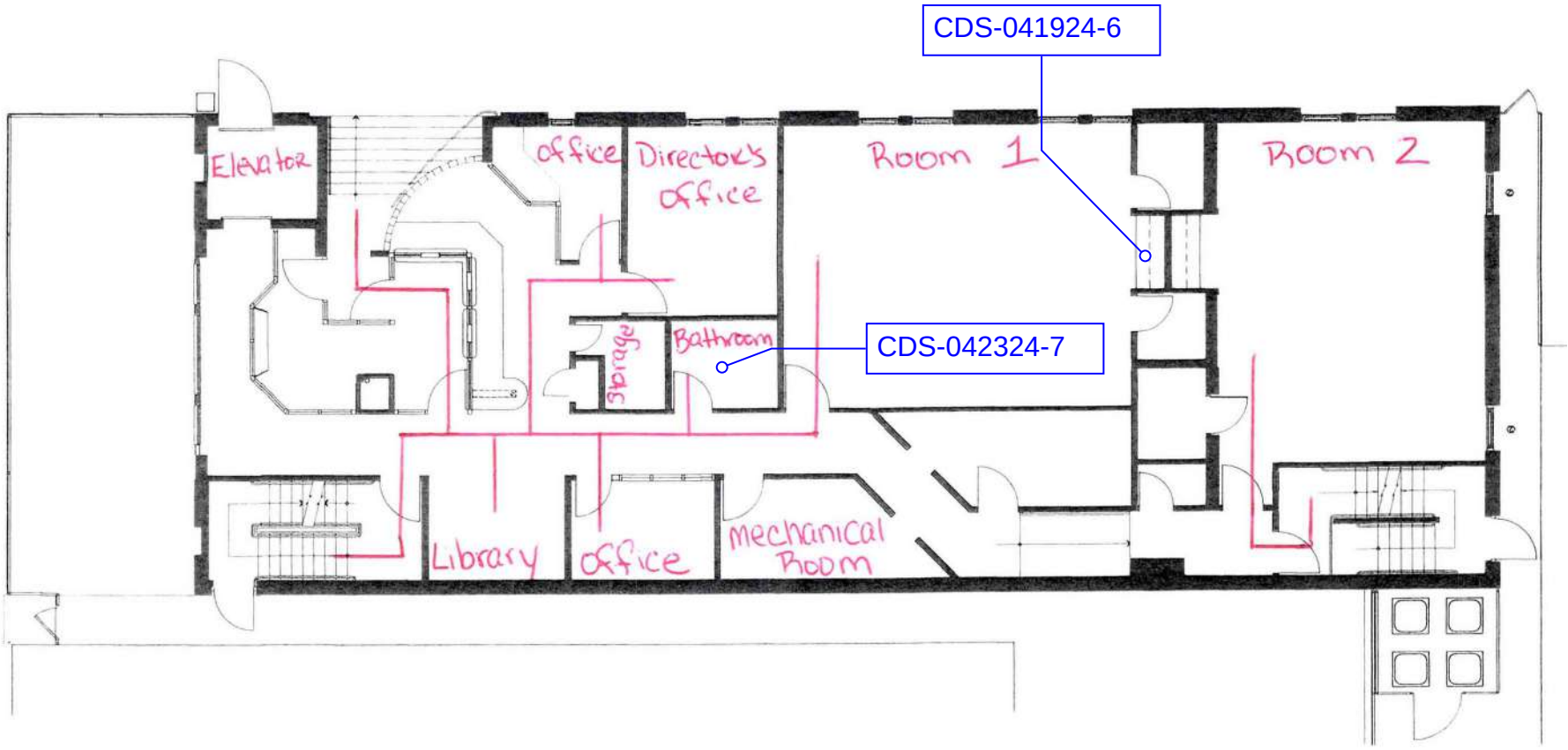


LEGEND

Sampling Locations

Community Day Nursery - Drinking Water Sampling EHI Project #: 1450-11095 Sampling Date: APRIL 19, 2024 Drawing Date: MAY 9, 2024	BASEMENT **Sample Locations**
PREPARED BY: Environmental Health Investigations, Inc. 655 West Shore Trail Sparta, NJ 07871 Tel. 973.729.5649 www.ehi-inc.com	SITE LOCATION: **COMMUNITY DAY NURSERY** **591 BROADWAY** **BAYONNE, NJ 07002**

First Floor

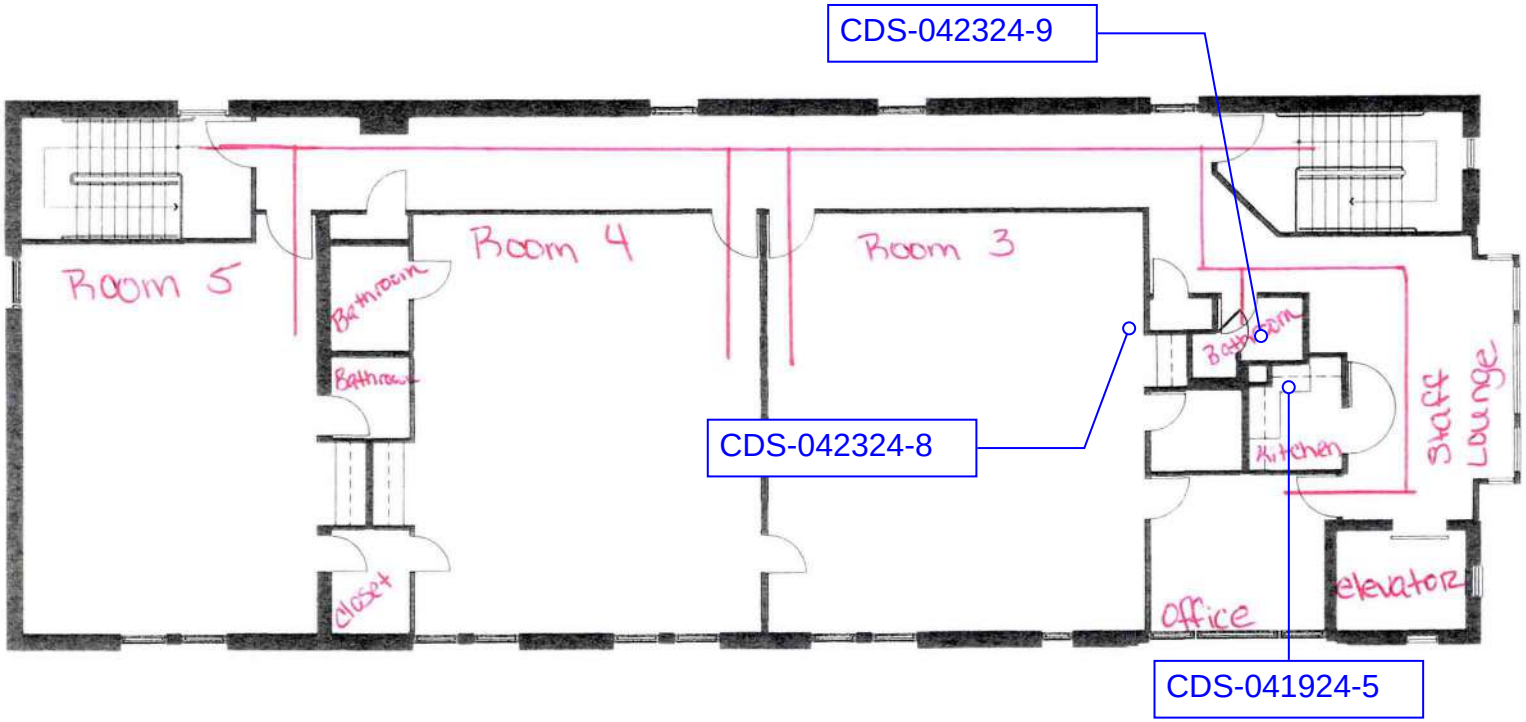


LEGEND

Sampling Locations ——o

Community Day Nursery - Drinking Water Sampling EHI Project #: 1450-11095 Sampling Date: APRIL 19 & 23, 2024 Drawing Date: MAY 9, 2024	FIRST FLOOR **Sample Locations**
PREPARED BY: Environmental Health Investigations, Inc. 655 West Shore Trail Sparta, NJ 07871 Tel. 973.729.5649 www.ehi-inc.com	SITE LOCATION: **COMMUNITY DAY NURSERY** **591 BROADWAY** **BAYONNE, NJ 07002**

Second Floor



LEGEND

Sampling Locations ——○

Community Day Nursery - Drinking Water Sampling EHI Project #: 1450-11095 Sampling Date: APRIL 19 & 23, 2024 Drawing Date: MAY 9, 2024	SECOND FLOOR **Sample Locations**
PREPARED BY: Environmental Health Investigations, Inc. 655 West Shore Trail Sparta, NJ 07871 Tel. 973.729.5649 www.ehi-inc.com	SITE LOCATION: **COMMUNITY DAY NURSERY** **591 BROADWAY** **BAYONNE, NJ 07002**

A P P E N D I X

C

IAL Laboratory Report

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-302660-1
Job Description: E24-01399
For:
Integrated Analytical Laboratories LLC
273 Franklin Road
Randolph, New Jersey 07869

Client ID	NJAC 7:9C	**E24-01399-001_CDS-041920-1**			**E24-01399-002_CDS-041920-2**			**E24-01399-003_CDS-041920-3**		
Lab Sample ID	GW QualStds	460-302660-1			460-302660-2			460-302660-3		
Sampling Date	ClassII A	04/19/2024 07:15:00			04/19/2024 07:16:00			04/19/2024 07:17:00		
Matrix	Higher Values	Water			Water			Water		
Unit										
		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.8(UG/L)										
Copper	1300	74.4		1.1	53.9		1.1	81.1		1.1
Lead	5	0.53	U	0.53	3.6		0.53	4.0		0.53

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

Lab Contact:
Jill Miller
Senior Project Manager
(484)802-0929

Eurofins Environment Testir

Eurofins Edison

Lab Job ID: 460-302660-1

Job Description: E24-01399

For:

Integrated Analytical Laboratories LLC

273 Franklin Road

Randolph, New Jersey 07869

Client ID	E24-01399-004_CDS-041920-4			E24-01399-005_CDS-041920-5			E24-01399-006_CDS-041920-6		
Lab Sample ID	460-302660-4			460-302660-5			460-302660-6		
Sampling Date	04/19/2024 07:20:00			04/19/2024 07:25:00			04/19/2024 07:28:00		
Matrix	Water			Water			Water		
Unit									
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.8(UG/L)									
Copper	56.9		1.1	63.7		1.1	49.3		1.1
Lead	0.79	J	0.53	0.71	J	0.53	1.5		0.53

J : Result is less than the RL but greater thai

U : Indicates the analyte was analyzed for b

Lab Contact:
Jill Miller
Senior Project Manager
(484)802-0929

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-302803-1
Job Description: E24-01424
For:
Integrated Analytical Laboratories LLC
273 Franklin Road
Randolph, New Jersey 07869

Client ID	NJAC 7:9C	**E24-01424-001_CDS-042324-7**			**E24-01424-002_CDS-042324-8**			**E24-01424-003_CDS-042324-9**		
Lab Sample ID	GW QualStds	460-302803-1			460-302803-2			460-302803-3		
Sampling Date	ClassII A	04/23/2024 07:10:00			04/23/2024 07:13:00			04/23/2024 07:17:00		
Matrix	Higher Values	Water			Water			Water		
Unit										
		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.8(MG/L)										
Copper	1.3	0.050		0.0017	0.073		0.0017	0.055		0.0017
Lead	0.005	0.00026	J	0.00025	0.0012	J	0.00025	0.0020		0.00025

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Lab Contact:
Jill Miller
Senior Project Manager
(484)802-0929

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mark Foschini
Integrated Analytical Laboratories LLC
273 Franklin Road
Randolph NJ 07869

Generated 04/26/2024

JOB DESCRIPTION

E24-01399

JOB NUMBER

460-302660-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

myEOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

Generated
04/26/2024

Authorized for release by
Jill Miller, Senior Project Manager
Jill.Miller@et.eurofinsus.com
Designee for
Jill K Miller, Senior Project Manager
Jill.Miller@et.eurofinsus.com
484 802-0929

Table of Contents

Job Narrative
460-302660-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 4/22/2024 12:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

Method 200.8 - Metals (ICP/MS) - Total Recoverable
Samples E24-01399-001_CDS-041920-1 (460-302660-1), E24-01399-002_CDS-041920-2 (460-302660-2), E24-01399-003_CDS-041920-3 (460-302660-3), E24-01399-004_CDS-041920-4 (460-302660-4), E24-01399-005_CDS-041920-5 (460-302660-5) and E24-01399-006_CDS-041920-6 (460-302660-6) were analyzed for Metals (ICP/MS) - Total Recoverable. The samples were prepared and analyzed on 4/25/2024.

Sample Summary

Client: Integrated Analytical Laboratories LLC
Job ID: 460-302660-1
Project/Site: E24-01399

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-302660-1	E24-01399-001_CDS-041920-1	Water	04/19/24 07:15	04/22/24 12:10
460-302660-2	E24-01399-002_CDS-041920-2	Water	04/19/24 07:16	04/22/24 12:10
460-302660-3	E24-01399-003_CDS-041920-3	Water	04/19/24 07:17	04/22/24 12:10
460-302660-4	E24-01399-004_CDS-041920-4	Water	04/19/24 07:20	04/22/24 12:10
460-302660-5	E24-01399-005_CDS-041920-5	Water	04/19/24 07:25	04/22/24 12:10
460-302660-6	E24-01399-006_CDS-041920-6	Water	04/19/24 07:28	04/22/24 12:10

Detection Summary

Client: Integrated Analytical Laboratories LLC
Project/Site: E24-01399

Job ID: 460-302660-1

Client Sample ID: E24-01399-001_CDS-041920-1 — Lab Sample ID: 460-302660-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	74.4		4.0	1.1	ug/L	1		200.8	Total Recoverable

Client Sample ID: E24-01399-002_CDS-041920-2 — Lab Sample ID: 460-302660-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	53.9		4.0	1.1	ug/L	1		200.8	Total Recoverable
Lead	3.6		1.2	0.53	ug/L	1		200.8	Total Recoverable

Client Sample ID: E24-01399-003_CDS-041920-3 — Lab Sample ID: 460-302660-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	81.1		4.0	1.1	ug/L	1		200.8	Total Recoverable
Lead	4.0		1.2	0.53	ug/L	1		200.8	Total Recoverable

Client Sample ID: E24-01399-004_CDS-041920-4 — Lab Sample ID: 460-302660-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	56.9		4.0	1.1	ug/L	1		200.8	Total Recoverable
Lead	0.79	J	1.2	0.53	ug/L	1		200.8	Total Recoverable

Client Sample ID: E24-01399-005_CDS-041920-5 — Lab Sample ID: 460-302660-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	63.7		4.0	1.1	ug/L	1		200.8	Total Recoverable
Lead	0.71	J	1.2	0.53	ug/L	1		200.8	Total Recoverable

Client Sample ID: E24-01399-006_CDS-041920-6 — Lab Sample ID: 460-302660-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	49.3		4.0	1.1	ug/L	1		200.8	Total Recoverable
Lead	1.5		1.2	0.53	ug/L	1		200.8	Total Recoverable

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Integrated Analytical Laboratories LLC
Job ID: 460-302660-1
Project/Site: E24-01399

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	EET EDI
200.8	Preparation, Total Recoverable Metals	EPA	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: E24-01399-001_CDS-041920-1
Lab Sample ID: 460-302660-1
Date Collected: 04/19/24 07:15
Matrix: Water
Date Received: 04/22/24 12:10

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	**74.4**		4.0	1.1	ug/L		04/25/24 07:54	04/25/24 20:25	1
Lead	0.53	U	1.2	0.53	ug/L		04/25/24 07:54	04/25/24 20:25	1

Client Sample ID: E24-01399-002_CDS-041920-2
Lab Sample ID: 460-302660-2
Date Collected: 04/19/24 07:16
Matrix: Water
Date Received: 04/22/24 12:10

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	**53.9**		4.0	1.1	ug/L		04/25/24 07:54	04/25/24 20:28	1
Lead	**3.6**		1.2	0.53	ug/L		04/25/24 07:54	04/25/24 20:28	1

Client Sample ID: E24-01399-003_CDS-041920-3
Lab Sample ID: 460-302660-3
Date Collected: 04/19/24 07:17
Matrix: Water
Date Received: 04/22/24 12:10

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	**81.1**		4.0	1.1	ug/L		04/25/24 07:54	04/25/24 20:30	1
Lead	**4.0**		1.2	0.53	ug/L		04/25/24 07:54	04/25/24 20:30	1

Client Sample ID: E24-01399-004_CDS-041920-4
Lab Sample ID: 460-302660-4
Date Collected: 04/19/24 07:20
Matrix: Water
Date Received: 04/22/24 12:10

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	**56.9**		4.0	1.1	ug/L		04/25/24 07:54	04/25/24 20:35	1
Lead	**0.79**	**J**	1.2	0.53	ug/L		04/25/24 07:54	04/25/24 20:35	1

Client Sample ID: E24-01399-005_CDS-041920-5
Lab Sample ID: 460-302660-5
Date Collected: 04/19/24 07:25
Matrix: Water
Date Received: 04/22/24 12:10

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	**63.7**		4.0	1.1	ug/L		04/25/24 07:54	04/25/24 20:42	1
Lead	**0.71**	**J**	1.2	0.53	ug/L		04/25/24 07:54	04/25/24 20:42	1

Client Sample ID: E24-01399-006_CDS-041920-6
Lab Sample ID: 460-302660-6
Date Collected: 04/19/24 07:28
Matrix: Water
Date Received: 04/22/24 12:10

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	**49.3**		4.0	1.1	ug/L		04/25/24 07:54	04/25/24 20:45	1
Lead	**1.5**		1.2	0.53	ug/L		04/25/24 07:54	04/25/24 20:45	1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 460-971430/1-A
Matrix: Water
Analysis Batch: 971475

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 971430

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	1.1	U	4.0	1.1	ug/L		04/25/24 07:54	04/25/24 19:16	1
Lead	0.53	U	1.2	0.53	ug/L		04/25/24 07:54	04/25/24 19:16	1

Lab Sample ID: LCS 460-971430/2-A
Matrix: Water
Analysis Batch: 971475

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 971430

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Copper			50.0	52.71		ug/L		105	85 - 115		
Lead			25.0	25.56		ug/L		102	85 - 115		

Lab Sample ID: 460-302596-G-1-C MS
Matrix: Water
Analysis Batch: 971475

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 971430

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Copper	18.2		50.0	67.20		ug/L		98	70 - 130		
Lead	4.5		25.0	29.50		ug/L		100	70 - 130		

Lab Sample ID: 460-302596-G-1-B DU
Matrix: Water
Analysis Batch: 971475

Client Sample ID: Duplicate
Prep Type: Total Recoverable
Prep Batch: 971430

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Copper	18.2			18.38		ug/L				1	20
Lead	4.5			4.37		ug/L				2	20

Lab Sample ID: LRC 460-971475/12
Matrix: Water
Analysis Batch: 971475

Client Sample ID: Lab Control Sample

Analyte			Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec Limits		
Copper			20000	20750		ug/L		104			
Lead			20000	20230		ug/L		101			

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Integrated Analytical Laboratories LLC
Job ID: 460-302660-1
Project/Site: E24-01399

Metals

Prep Batch: 971430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-302660-1	E24-01399-001_CDS-041920-1	Total Recoverable	Water	200.8	
460-302660-2	E24-01399-002_CDS-041920-2	Total Recoverable	Water	200.8	
460-302660-3	E24-01399-003_CDS-041920-3	Total Recoverable	Water	200.8	
460-302660-4	E24-01399-004_CDS-041920-4	Total Recoverable	Water	200.8	
460-302660-5	E24-01399-005_CDS-041920-5	Total Recoverable	Water	200.8	
460-302660-6	E24-01399-006_CDS-041920-6	Total Recoverable	Water	200.8	
MB 460-971430/1-A	Method Blank	Total Recoverable	Water	200.8	
LCS 460-971430/2-A	Lab Control Sample	Total Recoverable	Water	200.8	
460-302596-G-1-C MS	Matrix Spike	Total Recoverable	Water	200.8	
460-302596-G-1-B DU	Duplicate	Total Recoverable	Water	200.8	

Analysis Batch: 971475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-302660-1	E24-01399-001_CDS-041920-1	Total Recoverable	Water	200.8	971430
460-302660-2	E24-01399-002_CDS-041920-2	Total Recoverable	Water	200.8	971430
460-302660-3	E24-01399-003_CDS-041920-3	Total Recoverable	Water	200.8	971430
460-302660-4	E24-01399-004_CDS-041920-4	Total Recoverable	Water	200.8	971430
460-302660-5	E24-01399-005_CDS-041920-5	Total Recoverable	Water	200.8	971430
460-302660-6	E24-01399-006_CDS-041920-6	Total Recoverable	Water	200.8	971430
MB 460-971430/1-A	Method Blank	Total Recoverable	Water	200.8	971430
LCS 460-971430/2-A	Lab Control Sample	Total Recoverable	Water	200.8	971430
LRC 460-971475/12	Lab Control Sample		Water	200.8	
LRC 460-971475/13	Lab Control Sample		Water	200.8	
LRC 460-971475/14	Lab Control Sample		Water	200.8	
460-302596-G-1-C MS	Matrix Spike	Total Recoverable	Water	200.8	971430
460-302596-G-1-B DU	Duplicate	Total Recoverable	Water	200.8	971430

Lab Chronicle

Client: Integrated Analytical Laboratories LLC
Project/Site: E24-01399

Job ID: 460-302660-1

Client Sample ID: E24-01399-001_CDS-041920-1
Lab Sample ID: 460-302660-1
Date Collected: 04/19/24 07:15
Matrix: Water
Date Received: 04/22/24 12:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.8			971430	JKF	EET EDI	04/25/24 07:54
Total Recoverable	Analysis	200.8		1	971475	FBT	EET EDI	04/25/24 20:25

Client Sample ID: E24-01399-002_CDS-041920-2
Lab Sample ID: 460-302660-2
Date Collected: 04/19/24 07:16
Matrix: Water
Date Received: 04/22/24 12:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.8			971430	JKF	EET EDI	04/25/24 07:54
Total Recoverable	Analysis	200.8		1	971475	FBT	EET EDI	04/25/24 20:28

Client Sample ID: E24-01399-003_CDS-041920-3
Lab Sample ID: 460-302660-3
Date Collected: 04/19/24 07:17
Matrix: Water
Date Received: 04/22/24 12:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.8			971430	JKF	EET EDI	04/25/24 07:54
Total Recoverable	Analysis	200.8		1	971475	FBT	EET EDI	04/25/24 20:30

Client Sample ID: E24-01399-004_CDS-041920-4
Lab Sample ID: 460-302660-4
Date Collected: 04/19/24 07:20
Matrix: Water
Date Received: 04/22/24 12:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.8			971430	JKF	EET EDI	04/25/24 07:54
Total Recoverable	Analysis	200.8		1	971475	FBT	EET EDI	04/25/24 20:35

Client Sample ID: E24-01399-005_CDS-041920-5
Lab Sample ID: 460-302660-5
Date Collected: 04/19/24 07:25
Matrix: Water
Date Received: 04/22/24 12:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.8			971430	JKF	EET EDI	04/25/24 07:54
Total Recoverable	Analysis	200.8		1	971475	FBT	EET EDI	04/25/24 20:42

Client Sample ID: E24-01399-006_CDS-041920-6
Lab Sample ID: 460-302660-6
Date Collected: 04/19/24 07:28
Matrix: Water
Date Received: 04/22/24 12:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.8			971430	JKF	EET EDI	04/25/24 07:54
Total Recoverable	Analysis	200.8		1	971475	FBT	EET EDI	04/25/24 20:45

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Integrated Analytical Laboratories LLC
Job ID: 460-302660-1
Project/Site: E24-01399

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	12028	06-30-24

METALS

COVER PAGE
METALS

Lab Name: Eurofins Edison Job Number: 460-302660-1

SDG No.:

Project: E24-01399

Client Sample ID	Lab Sample ID
E24-01399-001_CDS-041920-1	460-302660-1
E24-01399-002_CDS-041920-2	460-302660-2
E24-01399-003_CDS-041920-3	460-302660-3
E24-01399-004_CDS-041920-4	460-302660-4
E24-01399-005_CDS-041920-5	460-302660-5
E24-01399-006_CDS-041920-6	460-302660-6

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: E24-01399-001_CDS-041920-1 Lab Sample ID: 460-302660-1

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG ID.:

Matrix: Water Date Sampled: 04/19/2024 07:15

Reporting Basis: WET Date Received: 04/22/2024 12:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-50-8	Copper	74.4	4.0	1.1	ug/L			1	200.8
7439-92-1	Lead	0.53	1.2	0.53	ug/L	U		1	200.8

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: E24-01399-002_CDS-041920-2 Lab Sample ID: 460-302660-2

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG ID.:

Matrix: Water Date Sampled: 04/19/2024 07:16

Reporting Basis: WET Date Received: 04/22/2024 12:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-50-8	Copper	53.9	4.0	1.1	ug/L			1	200.8
7439-92-1	Lead	3.6	1.2	0.53	ug/L			1	200.8

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: E24-01399-003_CDS-041920-3 Lab Sample ID: 460-302660-3

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG ID.:

Matrix: Water Date Sampled: 04/19/2024 07:17

Reporting Basis: WET Date Received: 04/22/2024 12:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-50-8	Copper	81.1	4.0	1.1	ug/L			1	200.8
7439-92-1	Lead	4.0	1.2	0.53	ug/L			1	200.8

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: E24-01399-004_CDS-041920-4 Lab Sample ID: 460-302660-4

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG ID.:

Matrix: Water Date Sampled: 04/19/2024 07:20

Reporting Basis: WET Date Received: 04/22/2024 12:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-50-8	Copper	56.9	4.0	1.1	ug/L			1	200.8
7439-92-1	Lead	0.79	1.2	0.53	ug/L	J		1	200.8

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: E24-01399-005_CDS-041920-5 Lab Sample ID: 460-302660-5

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG ID.:

Matrix: Water Date Sampled: 04/19/2024 07:25

Reporting Basis: WET Date Received: 04/22/2024 12:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-50-8	Copper	63.7	4.0	1.1	ug/L			1	200.8
7439-92-1	Lead	0.71	1.2	0.53	ug/L	J		1	200.8

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: E24-01399-006_CDS-041920-6 Lab Sample ID: 460-302660-6

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG ID.:

Matrix: Water Date Sampled: 04/19/2024 07:28

Reporting Basis: WET Date Received: 04/22/2024 12:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-50-8	Copper	49.3	4.0	1.1	ug/L			1	200.8
7439-92-1	Lead	1.5	1.2	0.53	ug/L			1	200.8

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

ICV Source: Interm_ICV_00017 Concentration Units: ug/L

CCV Source: me_Cal5_00155

Analyte	ICV 460-971475/7 04/25/2024 08:40				CCV 460-971475/19 04/25/2024 09:09				CCV 460-971475/251 04/25/2024 18:54			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Copper	79.59		80.0	99	101.2		100	101	102.5		100	102
Lead	79.86		80.0	100	100.1		100	100	102.7		100	103

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

ICV Source: Interm_ICV_00017 Concentration Units: ug/L

CCV Source: me_Cal5_00155

Analyte	CCV 460-971475/263 04/25/2024 19:39				CCV 460-971475/275 04/25/2024 20:37				CCV 460-971475/283 04/25/2024 20:57			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Copper	102.4		100	102	101.8		100	102	101.5		100	102
Lead	100.7		100	101	103.2		100	103	101.8		100	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

Method: 200.8 Instrument ID: ICPMS5

Lab Sample ID: CRI 460-971475/9 Concentration Units: ug/L

CRQL Check Standard Source: me_Cal2_00122

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Copper	4.00	4.16		104	50-150
Lead	1.20	1.17	J	98	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-971475/8 04/25/2024 08:42		CCB 460-971475/20 04/25/2024 09:11		CCB 460-971475/252 04/25/2024 18:57		CCB 460-971475/264 04/25/2024 19:42	
		Found	C	Found	C	Found	C	Found	C
Copper	4.0	1.1	U	1.1	U	1.1	U	1.1	U
Lead	1.2	0.53	U	0.53	U	0.53	U	0.53	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-971475/276 04/25/2024 20:40		CCB 460-971475/284 04/25/2024 20:59					
		Found	C	Found	C	Found	C	Found	C
Copper	4.0	1.1	U	1.1	U				
Lead	1.2	0.53	U	0.53	U				

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS - TOTAL RECOVERABLE

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-971430/1-A

Instrument Code: ICPMS5 Batch No.: 971475

CAS No.	Analyte	Concentration	C	Q	Method
7440-50-8	Copper	1.1	U		200.8
7439-92-1	Lead	0.53	U		200.8

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

Lab Sample ID: ICSA 460-971475/10 Instrument ID: ICPMS5

Lab File ID: 013ICSA.d ICS Source: me_ICSA_00223

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Copper		**0.295**	
Lead		**0.167**	
Aluminum	*100000*	*101629*	*102*
Antimony		*0.230*	
Arsenic		*0.316*	
Barium		*0.710*	
Beryllium		*0.0080*	
Boron		*3.97*	
Cadmium		*0.374*	
Calcium	*100000*	*101014*	*101*
Chromium		*0.172*	
Cobalt		*0.323*	
Iron	*100000*	*100409*	*100*
Magnesium	*100000*	*101543*	*102*
Manganese		*0.844*	
Molybdenum	*2000*	*2012*	*101*
Nickel		*0.268*	
Potassium	*100000*	*100935*	*101*
Selenium		*0.728*	
Silver		*0.0250*	
Sodium	*100000*	*101849*	*102*
Strontium		*0.829*	
Thallium		*-0.0130*	
Tin		*0.0520*	
Titanium	*2000*	*2114*	*106*
Vanadium		*0.0800*	
Zinc		*0.421*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

Lab Sample ID: ICSAB 460-971475/11 Instrument ID: ICPMS5

Lab File ID: 014ICSB.d ICS Source: me_ICSAB_00185

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Copper	**200**	**198**	**99**
Lead	**200**	**205**	**103**
Aluminum	*100000*	*99838*	*100*
Antimony	*100*	*104*	*104*
Arsenic	*200*	*202*	*101*
Barium	*200*	*202*	*101*
Beryllium	*200*	*201*	*101*
Boron		*4.07*	
Cadmium	*200*	*207*	*103*
Calcium	*100000*	*100727*	*101*
Chromium	*200*	*199*	*100*
Cobalt	*200*	*197*	*99*
Iron	*100000*	*101355*	*101*
Magnesium	*100000*	*99764*	*100*
Manganese	*200*	*191*	*95*
Molybdenum	*2000*	*2059*	*103*
Nickel	*200*	*199*	*100*
Potassium	*100000*	*99264*	*99*
Selenium	*200*	*205*	*102*
Silver	*200*	*197*	*99*
Sodium	*100000*	*100621*	*101*
Strontium	*200*	*205*	*102*
Thallium	*100*	*105*	*105*
Tin	*200*	*206*	*103*
Titanium	*2000*	*2071*	*104*
Vanadium	*200*	*201*	*101*
Zinc	*200*	*196*	*98*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - TOTAL RECOVERABLE

Client ID: _____ Lab ID: 460-302596-G-1-C MS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.: _____

Matrix: Water Concentration Units: ug/L

% Solids: _____

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Copper	67.20		18.2		50.0	98	70-130		200.8
Lead	29.50		4.5		25.0	100	70-130		200.8

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS - TOTAL RECOVERABLE

Client ID: _____ Lab ID: 460-302596-G-1-A PDS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.: _____

Matrix: Water Concentration Units: ug/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Copper	71.33		18.2		50.0	106	85-115		200.8
Lead	31.63		4.5		25.0	109	85-115		200.8

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

6-IN
DUPLICATES
METALS - TOTAL RECOVERABLE

Client ID: _____ Lab ID: 460-302596-G-1-B DU

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.: _____

% Solids for Sample: _____ % Solids for Duplicate: _____

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Copper	4.0	18.2		18.38		1		200.8
Lead	1.2	4.5		4.37		2		200.8

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-971475/12

Lab Name: Eurofins Edison Job No.: 460-302660-1

Sample Matrix: LCS Source: me_LR-A_00037

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Copper	20000	20750		104				200.8
Lead	20000	20230		101				200.8

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-971475/13

Lab Name: Eurofins Edison Job No.: 460-302660-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Copper		3.32	J					200.8
Lead		2.88						200.8

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-971475/14

Lab Name: Eurofins Edison Job No.: 460-302660-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Copper		3.28	J					200.8
Lead		1.38						200.8

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS - TOTAL RECOVERABLE

Lab ID: LCS 460-971430/2-A

Lab Name: Eurofins Edison Job No.: 460-302660-1

Sample Matrix: Water LCS Source: ME_ipmsSPK_00052

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Copper	50.0	52.71		105	85	115		200.8
Lead	25.0	25.56		102	85	115		200.8

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS - TOTAL RECOVERABLE

Lab ID: 460-302596-G-1-A SD

SDG No:

Lab Name: Eurofins Edison Job No: 460-302660-1

Matrix: Water Concentration Units: ug/L

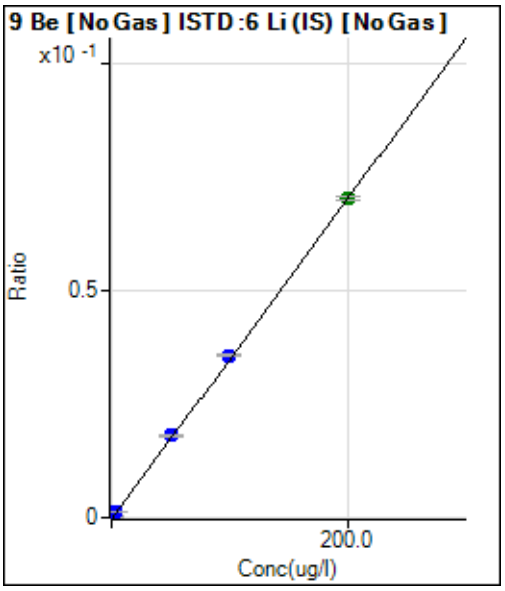
Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Copper	18.2		18.90	J	NC		200.8
Lead	4.5		11.40		NC		200.8

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

Batch Folder: D:\Agilent\ICPMH\1\DATA\NM_042524.b\
Analysis File: NM_042524.batch.bin
DA Date-Time: 2024-04-25 09:30:40
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

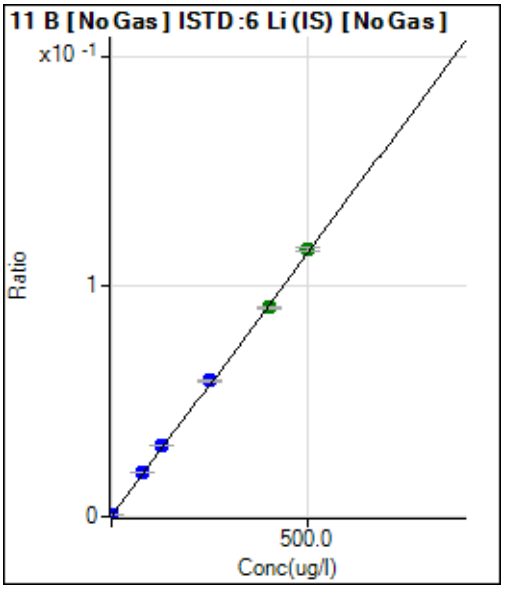
Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	IC CAL-Blk	2024-04-25 08:24:36
2	005CALS.d	IC CAL1	2024-04-25 08:27:26
3	006CALS.d	IC CAL2	2024-04-25 08:30:01
4	007CALS.d	IC CAL3	2024-04-25 08:32:36
5	008CALS.d	IC CAL4	2024-04-25 08:35:11
6	009CALS.d	IC CAL5	2024-04-25 08:37:46



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	122.22	0.0000	P	20.6	
2	☐	0.800	0.807	3104.81	0.0003	P	0.7	0.9
3	☐	4.000	3.981	14915.72	0.0014	P	1.0	-0.5
4	☐	50.000	51.231	191850.14	0.0181	P	1.8	2.5
5	☐	100.000	100.965	377369.95	0.0357	P	1.0	1.0
6	☐	200.000	199.210	736565.09	0.0703	A	1.2	-0.4

y = 3.5305E-004 * x + 1.1628E-005
R = 1.0000
DL = 0.02037 ug/l
BEC = 0.03294 ug/l

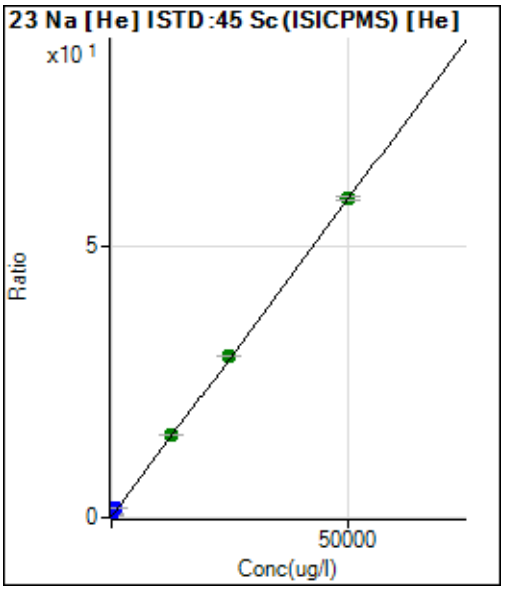
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	9485.48	0.0009	P	4.1	
2	☐	80.000	79.020	199100.23	0.0190	P	1.6	-1.2
3	☐	400.000	392.937	957258.77	0.0910	A	0.8	-1.8
4	☐	125.000	130.795	327319.95	0.0309	P	2.3	4.6
5	☐	250.000	254.094	625860.15	0.0591	P	1.9	1.6
6	☐	500.000	502.312	1214908.27	0.1160	A	1.3	0.5

y = 2.2919E-004 * x + 9.0252E-004
R = 0.9997
DL = 0.4887 ug/l
BEC = 3.938 ug/l

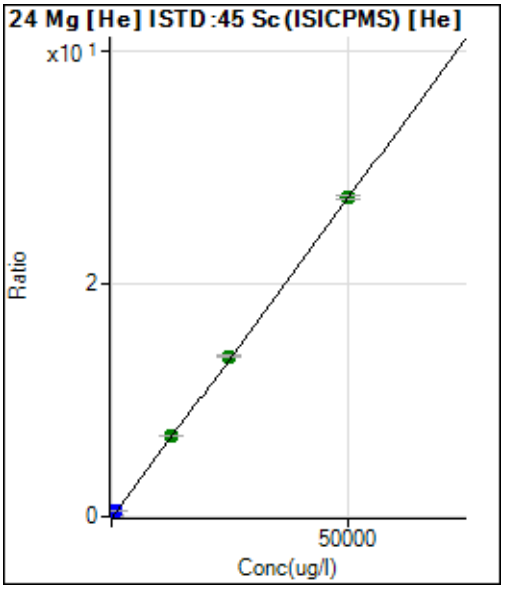
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	58456.43	0.4702	P	0.7	
2	☐	200.000	195.758	87103.79	0.6990	P	0.7	-2.1
3	☐	1000.000	1009.853	205885.37	1.6503	P	0.9	1.0
4	☐	12500.00	12673.84	1886662.83	15.280	A	1.3	1.4
5	☐	25000.00	25099.11	3679703.52	29.801	A	0.7	0.4
6	☐	50000.00	49906.79	7154483.23	58.791	A	1.5	-0.2

y = 0.0012 * x + 0.4702
R = 1.0000
DL = 8.027 ug/l
BEC = 402.4 ug/l

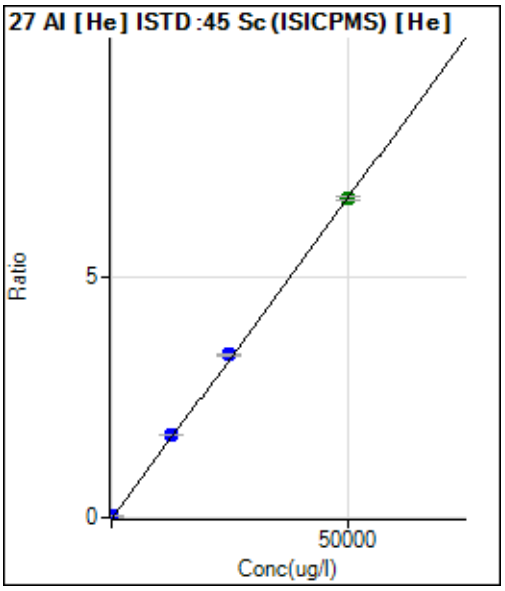
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	264.45	0.0021	P	4.0	
2	☐	200.000	199.683	13920.34	0.1117	P	2.0	-0.2
3	☐	1000.000	1016.912	69890.53	0.5602	P	0.5	1.7
4	☐	12500.00	12659.90	858078.23	6.9500	A	1.3	1.3
5	☐	25000.00	25071.74	1699217.09	13.761	A	0.9	0.3
6	☐	50000.00	49923.81	3334554.46	27.400	A	1.5	-0.2

y = 5.4881E-004 * x + 0.0021
R = 1.0000
DL = 0.4601 ug/l
BEC = 3.875 ug/l

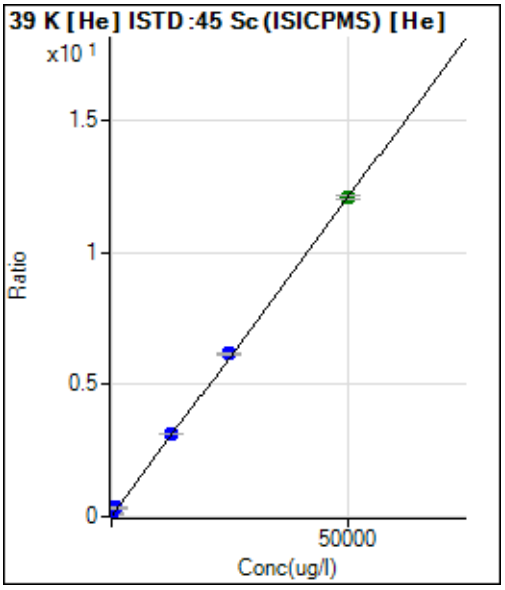
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	85.56	0.0007	P	9.7	
2	☐	40.000	42.355	791.14	0.0063	P	5.1	5.9
3	☐	200.000	209.229	3572.72	0.0286	P	6.2	4.6
4	☐	12500.00	12785.75	210992.86	1.7089	P	0.7	2.3
5	☐	25000.00	25400.29	419085.20	3.3942	P	1.5	1.6
6	☐	50000.00	49728.37	808611.22	6.6444	A	1.1	-0.5

y = 1.3360E-004 * x + 6.8813E-004
R = 0.9999
DL = 1.495 ug/l
BEC = 5.151 ug/l

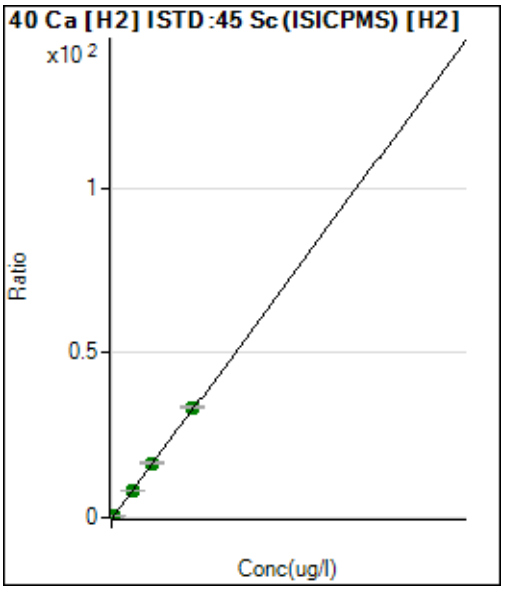
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10190.49	0.0820	P	2.3	
2	☐	200.000	197.794	16163.93	0.1297	P	3.6	-1.1
3	☐	1000.000	1020.686	40974.54	0.3284	P	0.9	2.1
4	☐	12500.00	12752.83	390345.25	3.1614	P	0.7	2.0
5	☐	25000.00	25287.42	764086.25	6.1882	P	1.0	1.1
6	☐	50000.00	49792.67	1473218.55	12.105	A	1.4	-0.4

y = 2.4147E-004 * x + 0.0820
R = 1.0000
DL = 23.41 ug/l
BEC = 339.5 ug/l

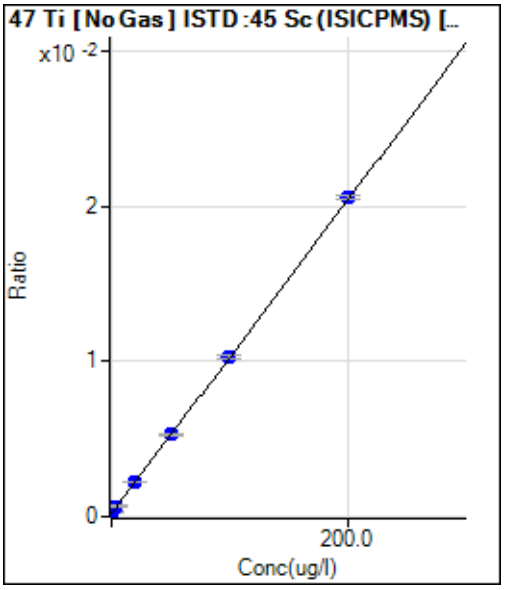
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	127497.74	0.0360	P	0.3	
2	☐	200.000	198.400	604621.02	0.1685	P	0.8	-0.8
3	☐	1000.000	1010.909	2514807.65	0.7110	A	1.8	1.1
4	☐	12500.00	12494.63	29556559.01	8.3790	A	1.7	0.0
5	☐	25000.00	24797.91	58422790.79	16.594	A	1.4	-0.8
6	☐	50000.00	50102.17	116422581.6	33.490	A	1.4	0.2

y = 6.6773E-004 * x + 0.0360
R = 1.0000
DL = 0.5473 ug/l
BEC = 53.89 ug/l

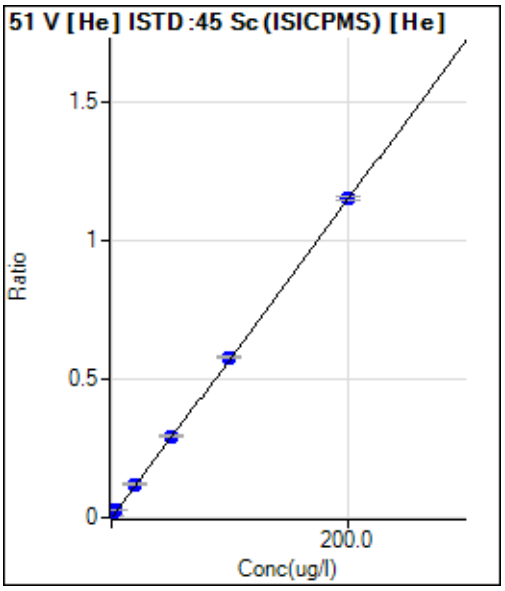
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3261.53	0.0003	P	3.6	
2	☐	4.000	3.692	7156.39	0.0007	P	2.8	-7.7
3	☐	20.000	19.364	23892.01	0.0023	P	2.2	-3.2
4	☐	50.000	49.634	56428.02	0.0053	P	2.0	-0.7
5	☐	100.000	98.967	108362.67	0.0103	P	2.2	-1.0
6	☐	200.000	200.678	213074.73	0.0206	P	0.9	0.3

y = 1.0121E-004 * x + 3.0556E-004
R = 1.0000
DL = 0.3257 ug/l
BEC = 3.019 ug/l

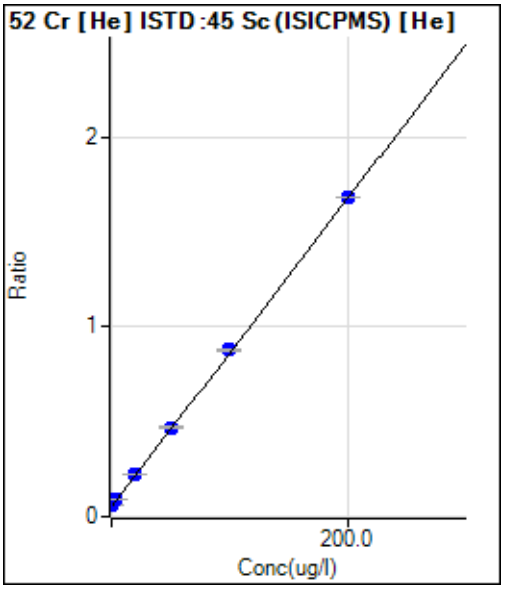
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	550.01	0.0044	P	11.1	
2	☐	4.000	4.295	3630.50	0.0291	P	6.0	7.4
3	☐	20.000	20.206	15058.30	0.1207	P	2.0	1.0
4	☐	50.000	50.426	36377.15	0.2946	P	0.9	0.9
5	☐	100.000	99.869	71513.89	0.5792	P	0.9	-0.1
6	☐	200.000	199.932	140571.20	1.1550	P	1.5	0.0

y = 0.0058 * x + 0.0044
R = 1.0000
DL = 0.2555 ug/l
BEC = 0.7685 ug/l

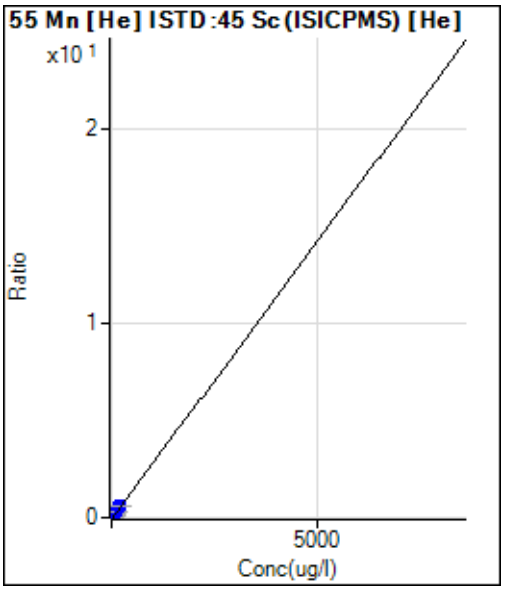
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7573.23	0.0609	P	0.6	
2	☐	4.000	3.662	11295.81	0.0906	P	2.0	-8.4
3	☐	20.000	19.806	27658.97	0.2217	P	2.4	-1.0
4	☐	50.000	50.516	58156.06	0.4710	P	1.2	1.0
5	☐	100.000	100.505	108263.20	0.8768	P	1.4	0.5
6	☐	200.000	199.644	204658.11	1.6816	P	0.0	-0.2

y = 0.0081 * x + 0.0609
R = 1.0000
DL = 0.1301 ug/l
BEC = 7.504 ug/l

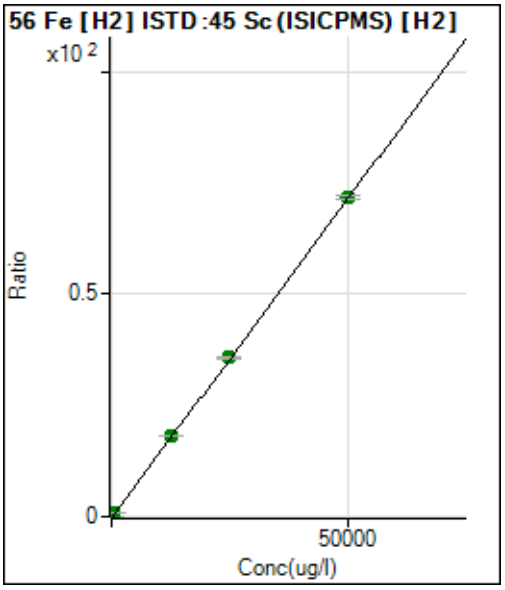
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	304.45	0.0024	P	9.9	
2	☐	8.000	7.720	3073.70	0.0247	P	2.3	-3.5
3	☐	40.000	39.376	14438.81	0.1157	P	1.4	-1.6
4	☐	50.000	50.899	18382.42	0.1489	P	2.1	1.8
5	☐	100.000	101.289	36285.86	0.2939	P	1.5	1.3
6	☐	200.000	199.267	70070.63	0.5758	P	0.4	-0.4

y = 0.0029 * x + 0.0024
R = 0.9999
DL = 0.2537 ug/l
BEC = 0.8509 ug/l

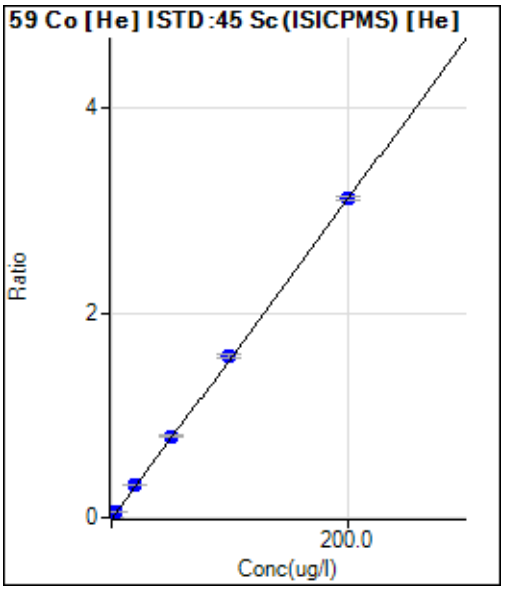
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	91246.45	0.0258	P	0.2	
2	☐	120.000	121.116	716243.32	0.1996	P	0.6	0.9
3	☐	600.000	609.042	3182702.07	0.8998	A	1.1	1.5
4	☐	12500.00	12592.23	63837691.27	18.096	A	1.3	0.7
5	☐	25000.00	24962.23	126212257.0	35.849	A	1.4	-0.2
6	☐	50000.00	49995.71	249511449.6	71.774	A	0.9	0.0

y = 0.0014 * x + 0.0258
R = 1.0000
DL = 0.116 ug/l
BEC = 17.94 ug/l

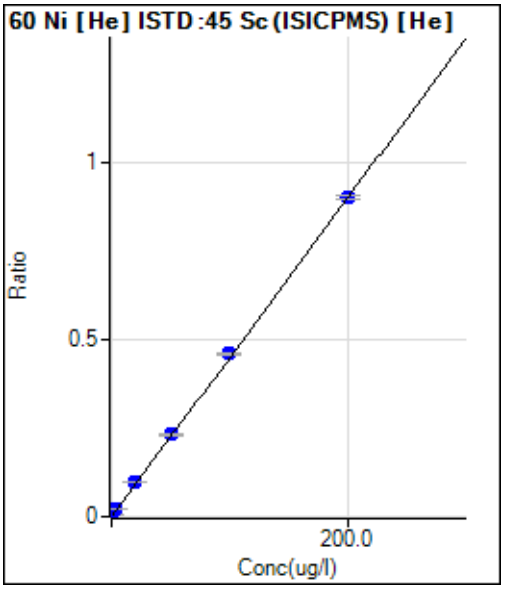
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	254.45	0.0020	P	6.2	
2	☐	4.000	3.993	8031.31	0.0645	P	2.3	-0.2
3	☐	20.000	20.149	39542.59	0.3170	P	0.9	0.7
4	☐	50.000	50.852	98384.53	0.7968	P	0.9	1.7
5	☐	100.000	100.621	194429.25	1.5747	P	2.1	0.6
6	☐	200.000	199.462	379637.38	3.1195	P	0.9	-0.3

y = 0.0156 * x + 0.0020
R = 1.0000
DL = 0.0245 ug/l
BEC = 0.1309 ug/l

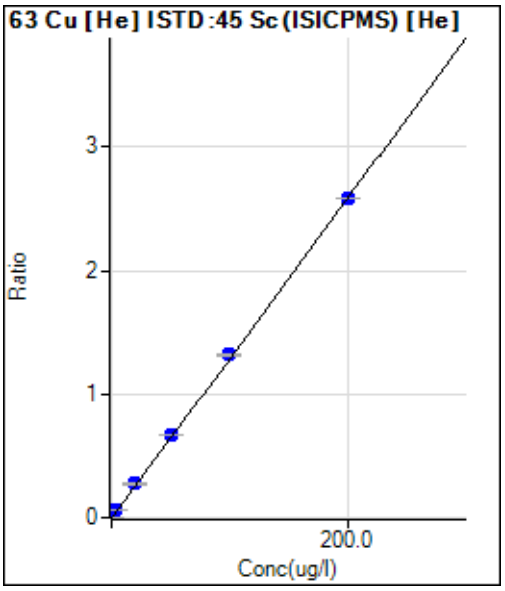
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	560.02	0.0045	P	10.4	
2	☐	4.000	4.165	2893.66	0.0232	P	3.4	4.1
3	☐	20.000	20.611	12113.20	0.0971	P	0.3	3.1
4	☐	50.000	50.590	28615.62	0.2318	P	1.9	1.2
5	☐	100.000	100.983	56569.16	0.4581	P	1.3	1.0
6	☐	200.000	199.296	109503.70	0.8998	P	0.7	-0.4

y = 0.0045 * x + 0.0045
R = 1.0000
DL = 0.3129 ug/l
BEC = 1.003 ug/l

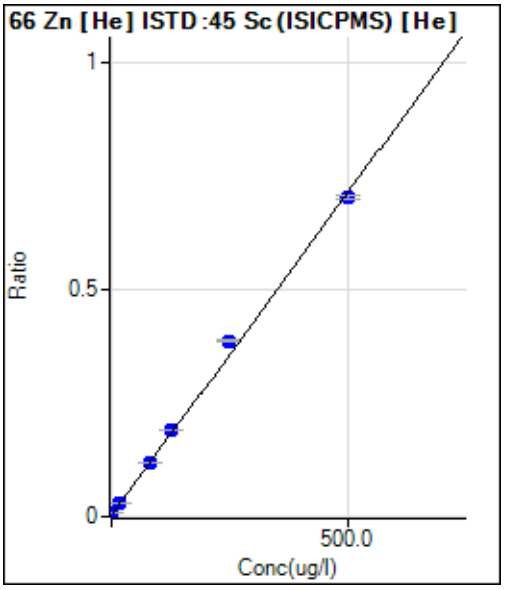
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	855.59	0.0069	P	4.8	
2	☐	4.000	4.131	7529.91	0.0604	P	2.4	3.3
3	☐	20.000	20.674	34287.61	0.2748	P	1.8	3.4
4	☐	50.000	51.233	82843.00	0.6709	P	1.0	2.5
5	☐	100.000	101.476	163250.91	1.3221	P	1.0	1.5
6	☐	200.000	198.884	314553.34	2.5847	P	0.5	-0.6

y = 0.0130 * x + 0.0069
R = 0.9999
DL = 0.07699 ug/l
BEC = 0.531 ug/l

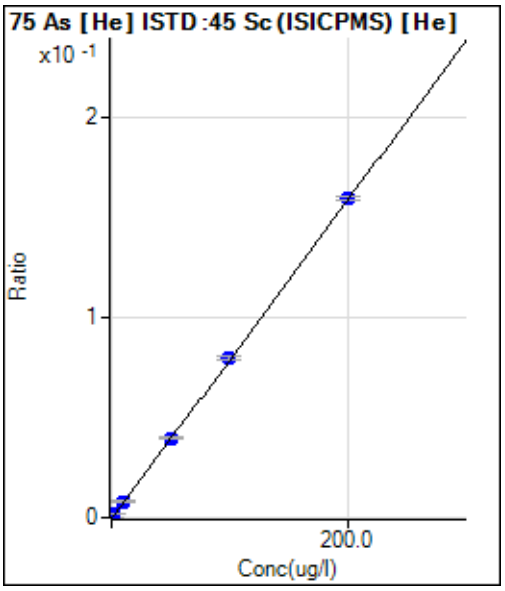
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	845.59	0.0068	P	2.9	
2	☐	16.000	15.446	3587.16	0.0288	P	4.0	-3.5
3	☐	80.000	78.697	14821.45	0.1188	P	1.5	-1.6
4	☐	125.000	129.772	23645.00	0.1915	P	1.0	3.8
5	☐	250.000	267.571	47861.33	0.3876	P	0.7	7.0
6	☐	500.000	490.248	85738.57	0.7045	P	1.2	-2.0

y = 0.0014 * x + 0.0068
R = 0.9989
DL = 0.4126 ug/l
BEC = 4.779 ug/l

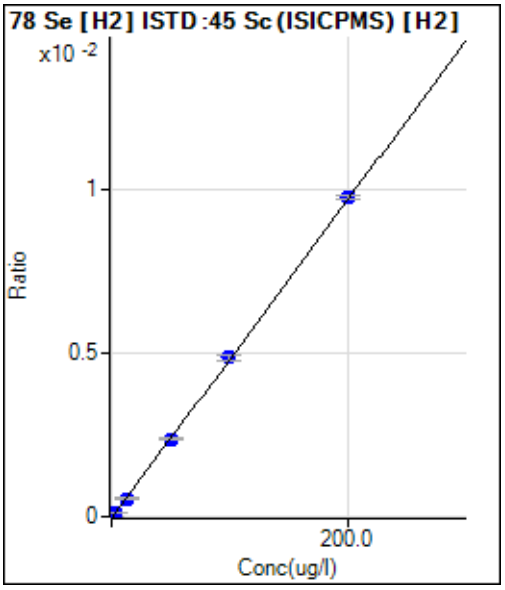
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	20.00	0.0002	P	28.6	
2	☐	2.000	1.771	195.56	0.0016	P	15.2	-11.5
3	☐	10.000	9.911	1003.38	0.0080	P	5.3	-0.9
4	☐	50.000	49.653	4895.35	0.0396	P	2.1	-0.7
5	☐	100.000	99.917	9830.25	0.0796	P	1.7	-0.1
6	☐	200.000	200.135	19388.29	0.1593	P	1.0	0.1

y = 7.9520E-004 * x + 1.6075E-004
R = 1.0000
DL = 0.1736 ug/l
BEC = 0.2021 ug/l

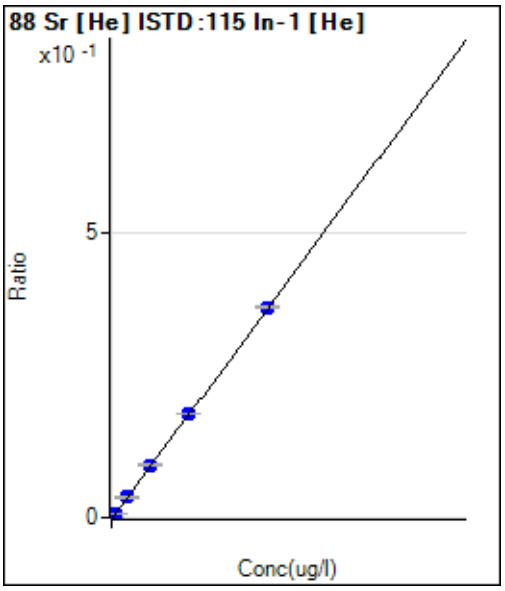
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	23.34	0.0000	P	49.8	
2	☐	2.500	2.163	402.23	0.0001	P	6.8	-13.5
3	☐	12.500	11.235	1960.15	0.0006	P	4.8	-10.1
4	☐	50.000	48.743	8405.99	0.0024	P	0.8	-2.5
5	☐	100.000	99.639	17124.25	0.0049	P	3.6	-0.4
6	☐	200.000	200.578	34013.95	0.0098	P	1.5	0.3

y = 4.8750E-005 * x + 6.5929E-006
R = 1.0000
DL = 0.2022 ug/l
BEC = 0.1352 ug/l

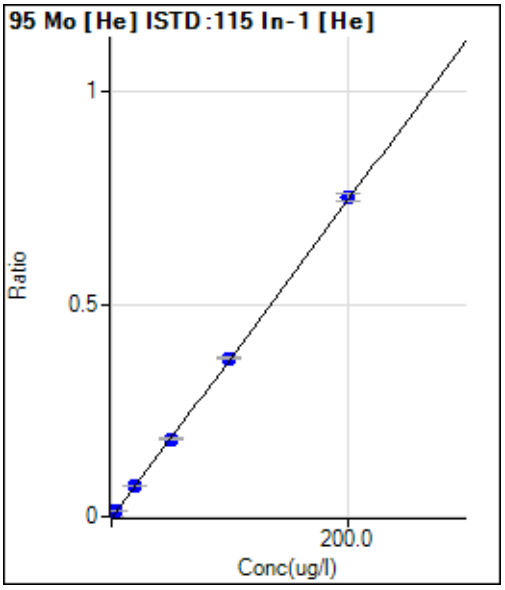
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	48.89	0.0003	P	16.1	
2	☐	4.000	3.863	1313.41	0.0074	P	7.4	-3.4
3	☐	20.000	19.352	6358.22	0.0359	P	3.0	-3.2
4	☐	50.000	49.612	16090.80	0.0916	P	3.4	-0.8
5	☐	100.000	98.849	31808.77	0.1821	P	0.9	-1.2
6	☐	200.000	200.740	62376.50	0.3696	P	0.2	0.4

y = 0.0018 * x + 2.7532E-004
R = 1.0000
DL = 0.07226 ug/l
BEC = 0.1496 ug/l

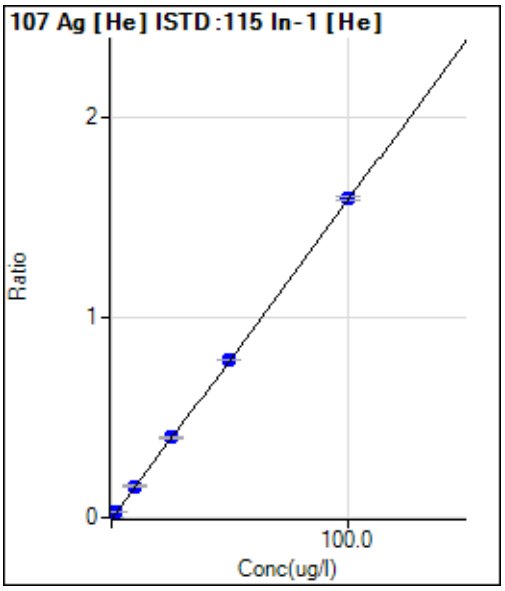
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	76.67	0.0004	P	28.8	
2	☐	4.000	3.913	2683.62	0.0151	P	3.9	-2.2
3	☐	20.000	19.240	12837.37	0.0724	P	0.9	-3.8
4	☐	50.000	48.403	31907.02	0.1816	P	2.8	-3.2
5	☐	100.000	99.220	64918.77	0.3717	P	1.3	-0.8
6	☐	200.000	200.867	126924.76	0.7521	P	2.2	0.4

y = 0.0037 * x + 4.3185E-004
R = 1.0000
DL = 0.09969 ug/l
BEC = 0.1154 ug/l

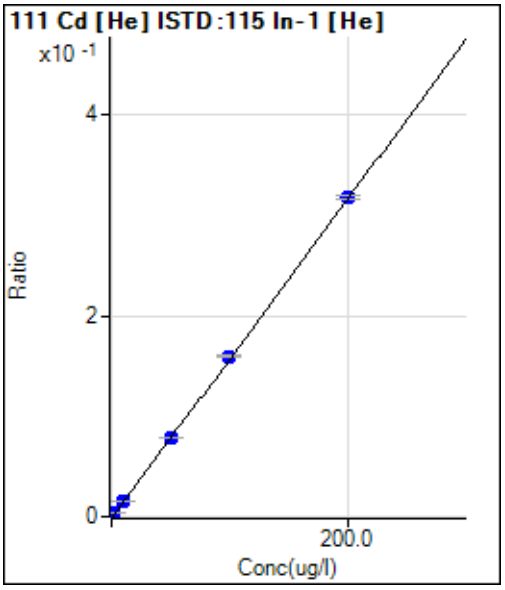
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	34.45	0.0002	P	19.9	
2	☐	2.000	1.944	5537.86	0.0311	P	2.1	-2.8
3	☐	10.000	9.858	27829.45	0.1570	P	2.5	-1.4
4	☐	25.000	25.097	70187.50	0.3994	P	2.3	0.4
5	☐	50.000	49.632	137906.88	0.7896	P	0.4	-0.7
6	☐	100.000	100.175	268934.33	1.5935	P	0.9	0.2

y = 0.0159 * x + 1.9384E-004
R = 1.0000
DL = 0.007266 ug/l
BEC = 0.01219 ug/l

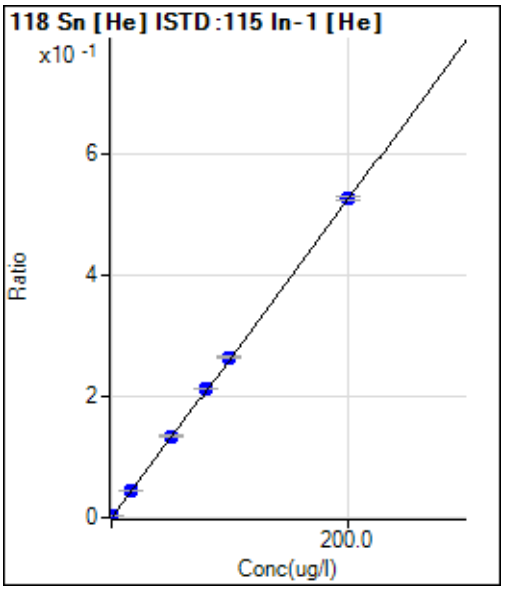
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	0.00	0.0000	P		
2	☐	2.000	2.023	572.24	0.0032	P	5.4	1.1
3	☐	10.000	9.989	2814.76	0.0159	P	4.6	-0.1
4	☐	50.000	49.199	13752.78	0.0782	P	0.8	-1.6
5	☐	100.000	100.265	27844.97	0.1594	P	1.1	0.3
6	☐	200.000	200.068	53689.78	0.3181	P	1.0	0.0

y = 0.0016 * x + 0.0000E+000
R = 1.0000
DL = 0 ug/l
BEC = 0 ug/l

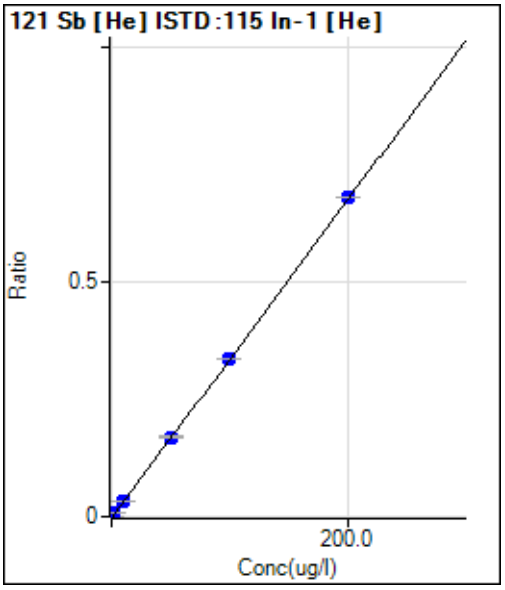
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	417.79	0.0024	P	10.6	
2	☐	16.000	15.788	7792.35	0.0438	P	2.7	-1.3
3	☐	80.000	80.155	37696.13	0.2127	P	1.0	0.2
4	☐	50.000	50.218	23572.31	0.1341	P	2.6	0.4
5	☐	100.000	99.928	46208.81	0.2646	P	0.7	-0.1
6	☐	200.000	199.937	88942.38	0.5270	P	1.4	0.0

y = 0.0026 * x + 0.0024
R = 1.0000
DL = 0.2849 ug/l
BEC = 0.896 ug/l

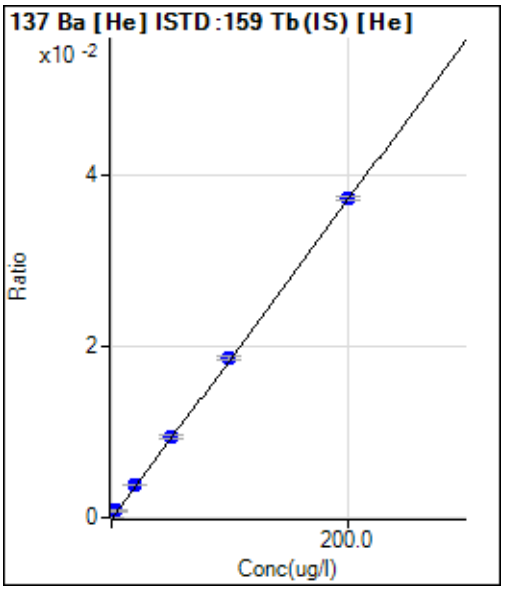
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	61.11	0.0003	P	36.5	
2	☐	2.000	2.001	1267.85	0.0071	P	5.0	0.0
3	☐	10.000	9.700	5889.14	0.0332	P	2.0	-3.0
4	☐	50.000	49.974	29828.26	0.1697	P	2.2	-0.1
5	☐	100.000	99.031	58681.26	0.3360	P	1.1	-1.0
6	☐	200.000	200.506	114750.03	0.6799	P	0.5	0.3

y = 0.0034 * x + 3.4417E-004
R = 1.0000
DL = 0.1112 ug/l
BEC = 0.1015 ug/l

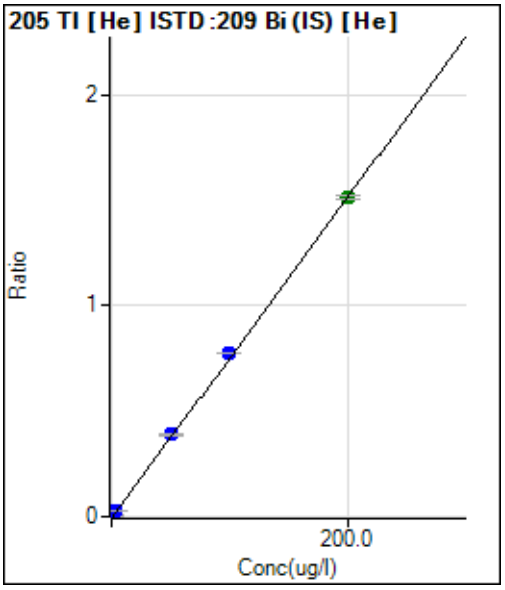
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	11.11	0.0000	P	61.4	
2	☐	4.000	4.239	804.48	0.0008	P	4.6	6.0
3	☐	20.000	20.497	3859.49	0.0038	P	4.8	2.5
4	☐	50.000	50.503	9378.98	0.0094	P	3.2	1.0
5	☐	100.000	99.548	18351.90	0.0186	P	2.2	-0.5
6	☐	200.000	200.046	36599.26	0.0373	P	1.3	0.0

y = 1.8664E-004 * x + 1.1031E-005
R = 1.0000
DL = 0.1089 ug/l
BEC = 0.0591 ug/l

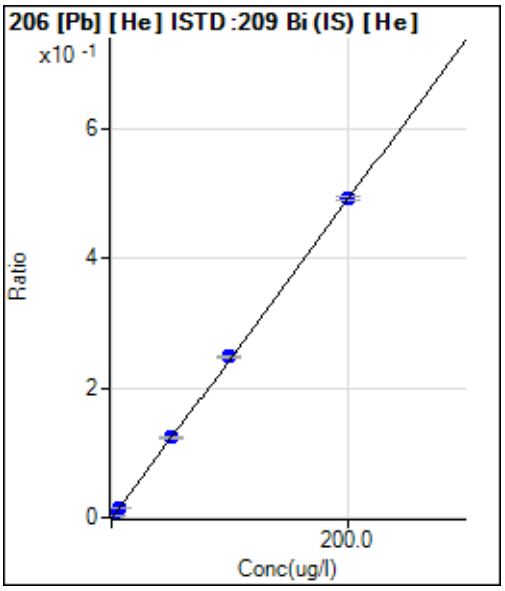
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	380.01	0.0004	P	11.5	
2	☐	0.800	0.817	5858.08	0.0066	P	2.9	2.1
3	☐	4.000	4.047	27741.05	0.0312	P	1.0	1.2
4	☐	50.000	51.099	336494.89	0.3894	P	0.8	2.2
5	☐	100.000	101.584	660665.68	0.7737	P	0.6	1.6
6	☐	200.000	198.932	1261484.50	1.5147	A	0.8	-0.5

y = 0.0076 * x + 4.2742E-004
R = 0.9999
DL = 0.01941 ug/l
BEC = 0.05615 ug/l

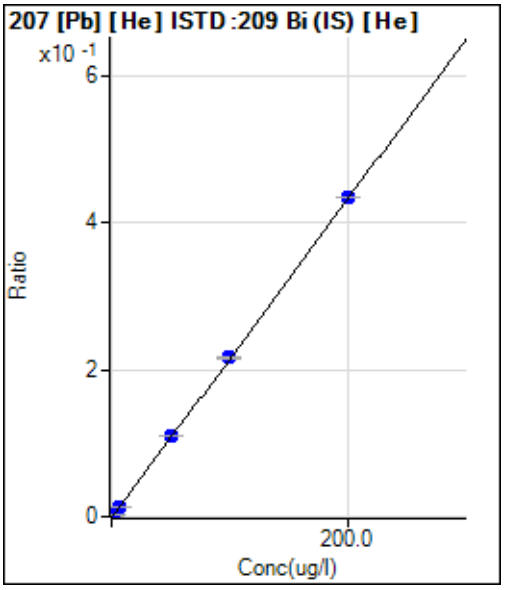
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	508.90	0.0006	P	3.9	
2	☐	1.200	1.185	3083.74	0.0035	P	2.2	-1.2
3	☐	6.000	5.957	13565.22	0.0153	P	1.9	-0.7
4	☐	50.000	49.841	106768.50	0.1236	P	0.7	-0.3
5	☐	100.000	100.596	212442.40	0.2488	P	1.3	0.6
6	☐	200.000	199.743	410925.34	0.4934	P	1.5	-0.1

y = 0.0025 * x + 5.7207E-004
R = 1.0000
DL = 0.02738 ug/l
BEC = 0.2318 ug/l

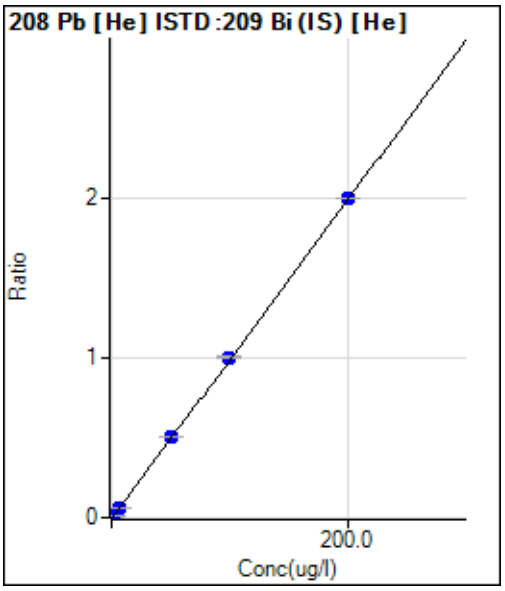
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	438.90	0.0005	P	6.6	
2	☐	1.200	1.205	2742.54	0.0031	P	2.3	0.4
3	☐	6.000	5.848	11715.61	0.0132	P	1.5	-2.5
4	☐	50.000	50.153	94521.99	0.1094	P	0.9	0.3
5	☐	100.000	99.777	185396.89	0.2171	P	1.3	-0.2
6	☐	200.000	200.078	362195.85	0.4349	P	0.4	0.0

y = 0.0022 * x + 4.9359E-004
R = 1.0000
DL = 0.04478 ug/l
BEC = 0.2273 ug/l

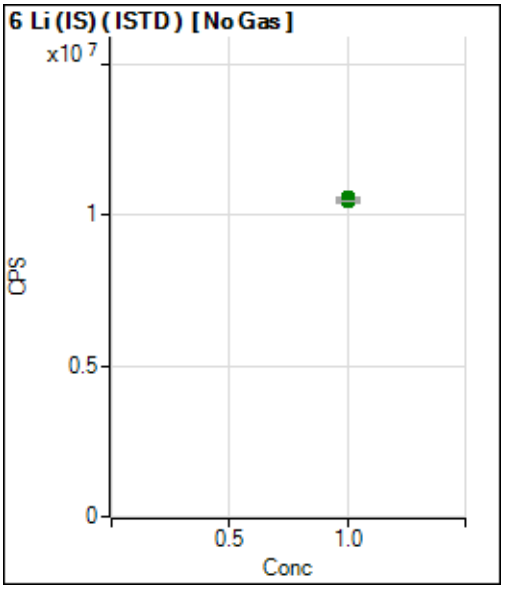
Weight: <None>
Min Conc: <None>



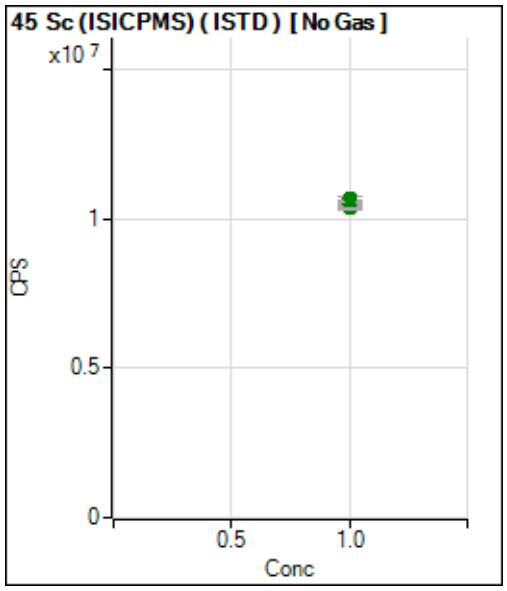
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2052.31	0.0023	P	3.8	
2	☐	1.200	1.187	12480.33	0.0142	P	0.1	-1.1
3	☐	6.000	5.962	54892.75	0.0618	P	0.6	-0.6
4	☐	50.000	50.024	433354.65	0.5015	P	0.5	0.0
5	☐	100.000	100.073	854642.95	1.0009	P	1.0	0.1
6	☐	200.000	199.959	1663672.33	1.9976	P	0.5	0.0

y = 0.0100 * x + 0.0023
R = 1.0000
DL = 0.0263 ug/l
BEC = 0.2313 ug/l

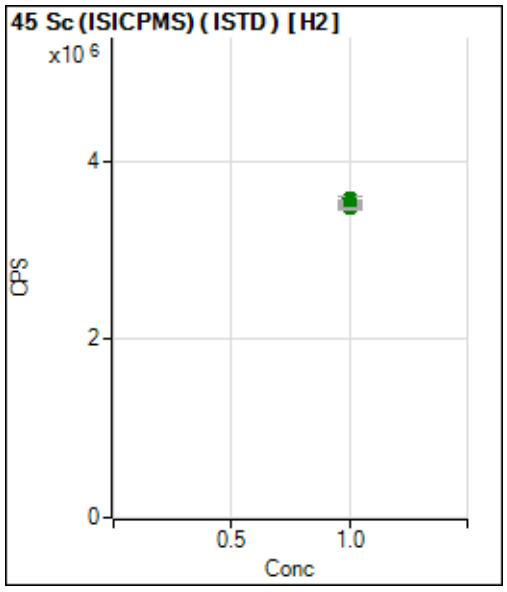
Weight: <None>
Min Conc: <None>



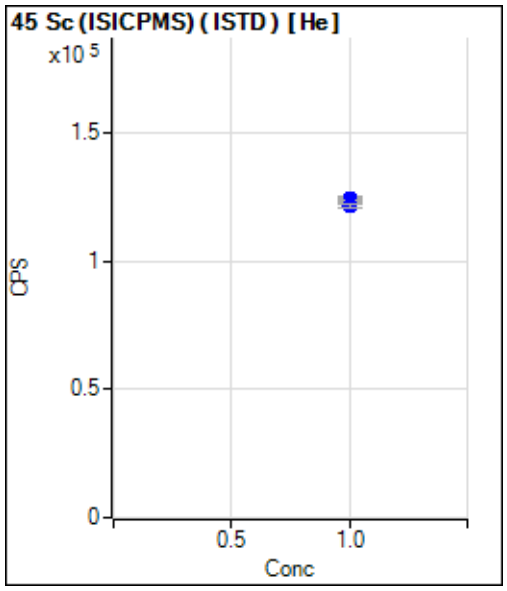
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		10511984.77		A	1.6	
2	☐	1.000		10471905.82		A	0.4	
3	☐	1.000		10524462.69		A	0.6	
4	☐	1.000		10600696.86		A	0.5	
5	☐	1.000		10583109.91		A	0.6	
6	☐	1.000		10471181.65		A	0.2	



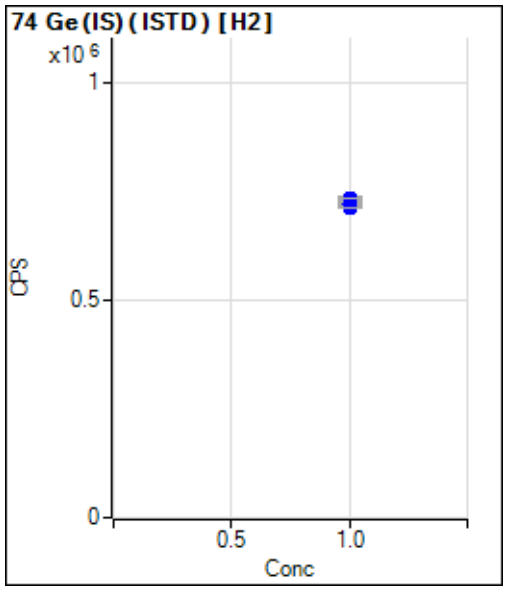
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		10675497.13		A	0.6	
2	☐	1.000		10537225.12		A	0.5	
3	☐	1.000		10548296.99		A	1.0	
4	☐	1.000		10590005.81		A	0.8	
5	☐	1.000		10500428.45		A	1.3	
6	☐	1.000		10335548.81		A	0.9	



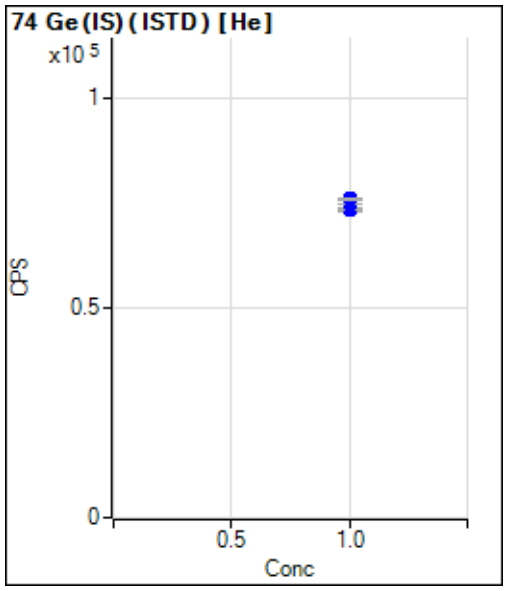
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		3543498.67		A	0.7	
2	☐	1.000		3589064.32		A	1.1	
3	☐	1.000		3537225.02		A	0.8	
4	☐	1.000		3527854.39		A	1.0	
5	☐	1.000		3520700.68		A	0.2	
6	☐	1.000		3476364.88		A	0.5	



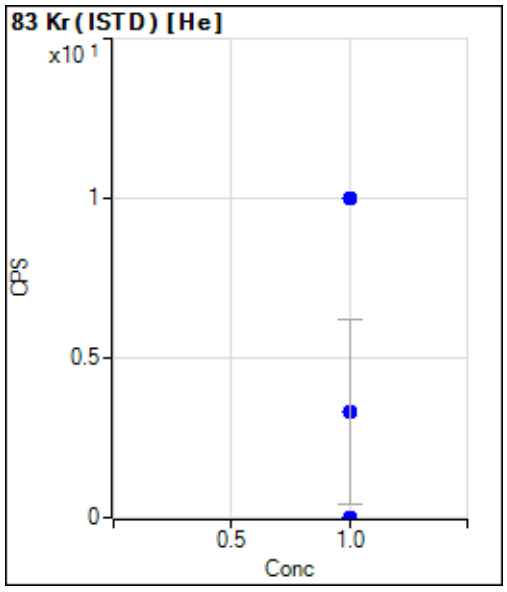
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		124320.83		P	0.5	
2	☐	1.000		124620.99		P	1.0	
3	☐	1.000		124756.55		P	0.3	
4	☐	1.000		123471.54		P	0.6	
5	☐	1.000		123477.75		P	0.5	
6	☐	1.000		121703.83		P	1.0	



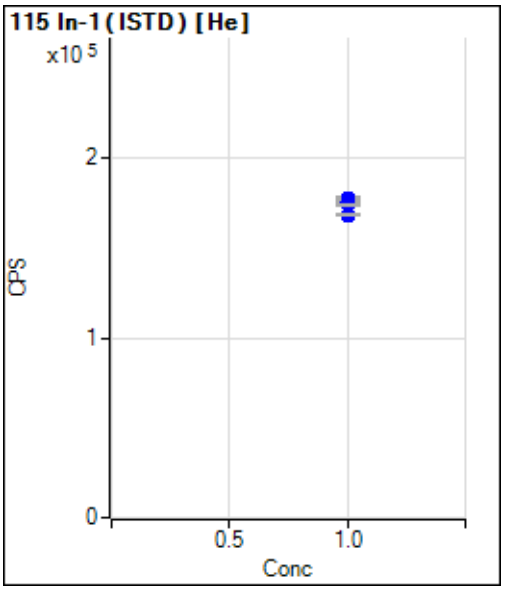
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		721489.98		P	0.8	
2	☐	1.000		721760.84		P	1.1	
3	☐	1.000		712323.57		P	0.3	
4	☐	1.000		731088.34		P	1.1	
5	☐	1.000		735420.05		P	1.4	
6	☐	1.000		734507.71		P	0.2	



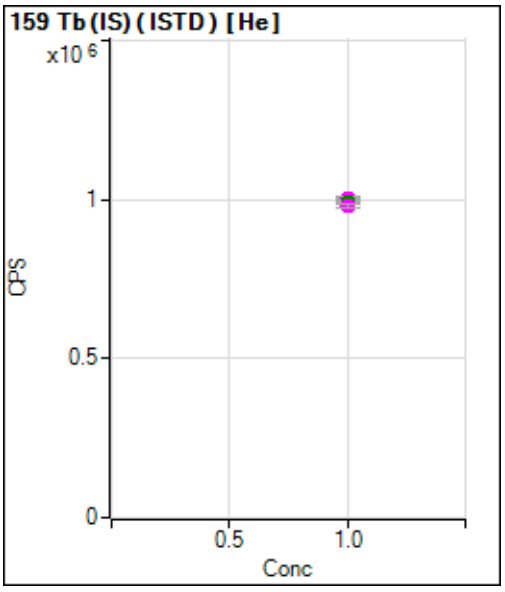
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		73253.51		P	1.6	
2	☐	1.000		73608.64		P	0.5	
3	☐	1.000		73524.57		P	0.4	
4	☐	1.000		74674.58		P	0.4	
5	☐	1.000		76069.06		P	0.6	
6	☐	1.000		75840.74		P	1.1	



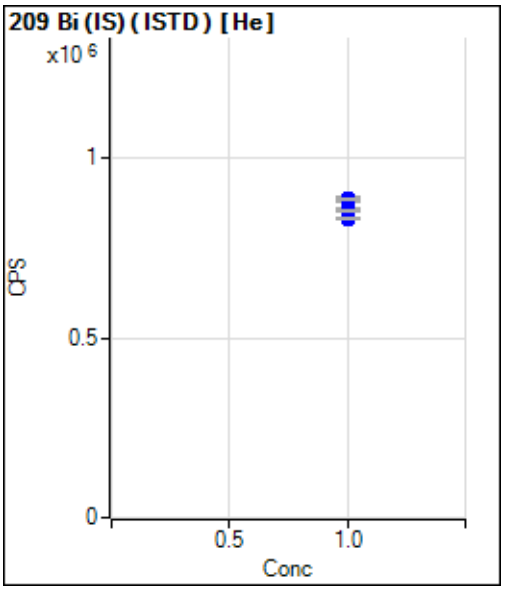
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		3.34		P	173.	
2	☐	1.000		10.01		P	NaN	
3	☐	1.000		3.34		P	173.	
4	☐	1.000		0.00		P		
5	☐	1.000		0.00		P		
6	☐	1.000		3.34		P	173.	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		177640.92		P	0.4	
2	☐	1.000		177984.92		P	1.1	
3	☐	1.000		177245.34		P	1.0	
4	☐	1.000		175785.12		P	1.4	
5	☐	1.000		174650.29		P	0.7	
6	☐	1.000		168771.09		P	0.3	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		999724.25		M	2.0	
2	☐	1.000		1002893.77		M	1.1	
3	☐	1.000		1005502.18		M	1.5	
4	☐	1.000		993781.76		A	0.3	
5	☐	1.000		987109.19		A	0.3	
6	☐	1.000		980038.07		M	1.4	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		889462.57		P	0.7	
2	☐	1.000		881831.40		P	0.2	
3	☐	1.000		888254.70		P	0.4	
4	☐	1.000		864155.02		P	0.2	
5	☐	1.000		853906.99		P	0.6	
6	☐	1.000		832865.61		P	1.2	

9-IN
DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: Eurofins Edison Job Number: 460-302660-1

SDG Number:

Matrix: Water Instrument ID: ICPMS5

Method: 200.8 MDL Date: 03/09/2022 00:00

Prep Method: 200.8

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Copper		4	1.13
Lead		1.2	0.525

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: Eurofins Edison Job Number: 460-302660-1

SDG Number:

Matrix: Water Instrument ID: ICPMS5

Method: 200.8 XMDL Date: 03/09/2022 00:00

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Copper		4	1.13
Lead		1.2	0.525

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins Edison Job No: 460-302660-1

SDG No.:

Instrument ID: ICPMS5 Date: 01/19/2024 00:00

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Copper		20000	200.8
Lead		20000	200.8

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

Prep Method: 200.8

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-971430/1-A	04/25/2024 07:54	971430		50	50
LCS 460-971430/2-A	04/25/2024 07:54	971430		50	50
460-302596-G-1-B DU	04/25/2024 07:54	971430		50	50
460-302596-G-1-C MS	04/25/2024 07:54	971430		50	50
460-302660-1	04/25/2024 07:54	971430		50	50
460-302660-2	04/25/2024 07:54	971430		50	50
460-302660-3	04/25/2024 07:54	971430		50	50
460-302660-4	04/25/2024 07:54	971430		50	50
460-302660-5	04/25/2024 07:54	971430		50	50
460-302660-6	04/25/2024 07:54	971430		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

Instrument ID: ICPMS5 Method: 200.8

Start Date: 04/25/2024 08:24 End Date: 04/26/2024 02:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cu	Pb																		
IC 460-971475/1	1		08:24	X	X																		
IC 460-971475/2	1		08:27	X	X																		
IC 460-971475/3	1		08:30	X	X																		
IC 460-971475/4	1		08:32	X	X																		
IC 460-971475/5	1		08:35	X	X																		
IC 460-971475/6	1		08:37	X	X																		
ICV 460-971475/7	1		08:40	X	X																		
ICB 460-971475/8	1		08:42	X	X																		
CRI 460-971475/9	1		08:45	X	X																		
ICSA 460-971475/10	1		08:47	X	X																		
ICSAB 460-971475/11	1		08:49	X	X																		
LRC 460-971475/12	1		08:52	X	X																		
LRC 460-971475/13	1		08:54	X	X																		
LRC 460-971475/14	1		08:57	X	X																		
ZZZZZZ			08:59																				
ZZZZZZ			09:02																				
ZZZZZZ			09:04																				
ZZZZZZ			09:06																				
CCV 460-971475/19	1		09:09	X	X																		
CCB 460-971475/20	1		09:11	X	X																		
ZZZZZZ			09:24																				
ZZZZZZ			09:27																				
ZZZZZZ			09:29																				
ZZZZZZ			09:32																				
ZZZZZZ			09:34																				
ZZZZZZ			09:36																				
ZZZZZZ			09:39																				
ZZZZZZ			09:41																				
ZZZZZZ			09:44																				
ZZZZZZ			09:46																				
CCV 460-971475/31			09:48																				
CCB 460-971475/32			09:51																				
ZZZZZZ			09:53																				
ZZZZZZ			09:56																				
ZZZZZZ			09:58																				
ZZZZZZ			10:00																				
ZZZZZZ			10:03																				
ZZZZZZ			10:05																				
ZZZZZZ			10:08																				
ZZZZZZ			10:10																				
ZZZZZZ			10:12																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

Instrument ID: ICPMS5 Method: 200.8

Start Date: 04/25/2024 08:24 End Date: 04/26/2024 02:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cu	Pb																		
ZZZZZZ			10:15																				
CCV 460-971475/43			10:17																				
CCB 460-971475/44			10:20																				
ZZZZZZ			10:22																				
ZZZZZZ			10:24																				
ZZZZZZ			10:27																				
ZZZZZZ			10:29																				
ZZZZZZ			10:32																				
ZZZZZZ			10:34																				
ZZZZZZ			10:36																				
ZZZZZZ			10:39																				
ZZZZZZ			10:41																				
ZZZZZZ			10:44																				
CCV 460-971475/55			10:46																				
CCB 460-971475/56			10:48																				
ZZZZZZ			10:51																				
ZZZZZZ			10:53																				
ZZZZZZ			10:56																				
ZZZZZZ			10:58																				
ZZZZZZ			11:00																				
ZZZZZZ			11:03																				
ZZZZZZ			11:05																				
ZZZZZZ			11:07																				
ZZZZZZ			11:10																				
ZZZZZZ			11:12																				
CCV 460-971475/67			11:15																				
CCB 460-971475/68			11:17																				
ZZZZZZ			11:20																				
ZZZZZZ			11:22																				
ZZZZZZ			11:25																				
ZZZZZZ			11:27																				
ZZZZZZ			11:29																				
ZZZZZZ			11:32																				
ZZZZZZ			11:34																				
ZZZZZZ			11:37																				
ZZZZZZ			11:39																				
ZZZZZZ			11:42																				
CCV 460-971475/79			11:44																				
CCB 460-971475/80			11:46																				
ZZZZZZ			11:49																				
ZZZZZZ			11:51																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

Instrument ID: ICPMS5 Method: 200.8

Start Date: 04/25/2024 08:24 End Date: 04/26/2024 02:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cu	Pb																		
ZZZZZZ			11:54																				
ZZZZZZ			11:56																				
ZZZZZZ			11:59																				
ZZZZZZ			12:01																				
ZZZZZZ			12:03																				
ZZZZZZ			12:06																				
ZZZZZZ			12:09																				
ZZZZZZ			12:11																				
CCV 460-971475/91			12:14																				
CCB 460-971475/92			12:16																				
ZZZZZZ			12:20																				
ZZZZZZ			12:22																				
ZZZZZZ			12:25																				
ZZZZZZ			12:28																				
ZZZZZZ			12:31																				
ZZZZZZ			12:34																				
CCV 460-971475/99			12:37																				
CCB 460-971475/100			12:40																				
ZZZZZZ			12:43																				
ZZZZZZ			12:45																				
ZZZZZZ			12:48																				
ZZZZZZ			12:50																				
ZZZZZZ			12:52																				
ZZZZZZ			12:55																				
ZZZZZZ			12:57																				
CCV 460-971475/108			13:00																				
CCB 460-971475/109			13:02																				
ZZZZZZ			13:05																				
ZZZZZZ			13:07																				
ZZZZZZ			13:10																				
ZZZZZZ			13:12																				
ZZZZZZ			13:14																				
ZZZZZZ			13:17																				
ZZZZZZ			13:19																				
ZZZZZZ			13:22																				
ZZZZZZ			13:24																				
ZZZZZZ			13:27																				
CCV 460-971475/120			13:29																				
CCB 460-971475/121			13:32																				
ZZZZZZ			13:34																				
ZZZZZZ			13:36																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

Instrument ID: ICPMS5 Method: 200.8

Start Date: 04/25/2024 08:24 End Date: 04/26/2024 02:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cu	Pb																		
ZZZZZZ			13:39																				
ZZZZZZ			13:41																				
ZZZZZZ			13:44																				
CCV 460-971475/127			13:46																				
CCB 460-971475/128			13:52																				
ZZZZZZ			13:54																				
ZZZZZZ			13:57																				
ZZZZZZ			13:59																				
ZZZZZZ			14:05																				
ZZZZZZ			14:07																				
ZZZZZZ			14:09																				
ZZZZZZ			14:12																				
ZZZZZZ			14:14																				
ZZZZZZ			14:17																				
ZZZZZZ			14:19																				
CCV 460-971475/139			14:22																				
CCB 460-971475/140			14:24																				
ZZZZZZ			14:26																				
ZZZZZZ			14:29																				
ZZZZZZ			14:31																				
ZZZZZZ			14:34																				
ZZZZZZ			14:36																				
ZZZZZZ			14:39																				
ZZZZZZ			14:41																				
ZZZZZZ			14:43																				
ZZZZZZ			14:46																				
ZZZZZZ			14:48																				
CCV 460-971475/151			14:51																				
CCB 460-971475/152			14:53																				
ZZZZZZ			14:56																				
ZZZZZZ			14:59																				
ZZZZZZ			15:01																				
ZZZZZZ			15:04																				
ZZZZZZ			15:06																				
ZZZZZZ			15:09																				
ZZZZZZ			15:11																				
ZZZZZZ			15:13																				
ZZZZZZ			15:16																				
ZZZZZZ			15:18																				
CCV 460-971475/163			15:21																				
CCB 460-971475/164			15:23																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

Instrument ID: ICPMS5 Method: 200.8

Start Date: 04/25/2024 08:24 End Date: 04/26/2024 02:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cu	Pb																		
ZZZZZZ			15:25																				
ZZZZZZ			15:28																				
ZZZZZZ			15:30																				
ZZZZZZ			15:33																				
ZZZZZZ			15:35																				
ZZZZZZ			15:38																				
ZZZZZZ			15:40																				
ZZZZZZ			15:42																				
ZZZZZZ			15:45																				
ZZZZZZ			15:47																				
CCV 460-971475/175			15:50																				
CCB 460-971475/176			15:52																				
ZZZZZZ			15:54																				
ZZZZZZ			15:57																				
ZZZZZZ			15:59																				
ZZZZZZ			16:02																				
ZZZZZZ			16:04																				
ZZZZZZ			16:06																				
ZZZZZZ			16:09																				
ZZZZZZ			16:11																				
ZZZZZZ			16:14																				
ZZZZZZ			16:16																				
CCV 460-971475/187			16:18																				
CCB 460-971475/188			16:21																				
ZZZZZZ			16:23																				
ZZZZZZ			16:26																				
ZZZZZZ			16:28																				
ZZZZZZ			16:30																				
ZZZZZZ			16:33																				
ZZZZZZ			16:35																				
ZZZZZZ			16:38																				
ZZZZZZ			16:40																				
ZZZZZZ			16:43																				
ZZZZZZ			16:45																				
CCV 460-971475/199			16:47																				
CCB 460-971475/200			16:50																				
ZZZZZZ			16:52																				
ZZZZZZ			16:55																				
ZZZZZZ			16:57																				
ZZZZZZ			16:59																				
ZZZZZZ			17:02																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

Instrument ID: ICPMS5 Method: 200.8

Start Date: 04/25/2024 08:24 End Date: 04/26/2024 02:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cu	Pb																		
ZZZZZZ			17:04																				
ZZZZZZ			17:07																				
ZZZZZZ			17:09																				
ZZZZZZ			17:11																				
ZZZZZZ			17:14																				
CCV 460-971475/211			17:16																				
CCB 460-971475/212			17:19																				
ZZZZZZ			17:21																				
ZZZZZZ			17:23																				
ZZZZZZ			17:26																				
ZZZZZZ			17:28																				
ZZZZZZ			17:31																				
ZZZZZZ			17:33																				
CCV 460-971475/219			17:35																				
CCB 460-971475/220			17:38																				
ZZZZZZ			17:40																				
ZZZZZZ			17:43																				
ZZZZZZ			17:45																				
ZZZZZZ			17:47																				
ZZZZZZ			17:50																				
ZZZZZZ			17:52																				
ZZZZZZ			17:55																				
ZZZZZZ			17:57																				
ZZZZZZ			17:59																				
CCV 460-971475/230			18:02																				
CCB 460-971475/231			18:04																				
ZZZZZZ			18:09																				
ZZZZZZ			18:11																				
ZZZZZZ			18:13																				
ZZZZZZ			18:16																				
ZZZZZZ			18:18																				
ZZZZZZ			18:21																				
ZZZZZZ			18:23																				
ZZZZZZ			18:26																				
ZZZZZZ			18:28																				
ZZZZZZ			18:30																				
CCV 460-971475/242			18:33																				
CCB 460-971475/243			18:35																				
ZZZZZZ			18:38																				
ZZZZZZ			18:40																				
ZZZZZZ			18:42																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

Instrument ID: ICPMS5 Method: 200.8

Start Date: 04/25/2024 08:24 End Date: 04/26/2024 02:56

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cu	Pb																			
ZZZZZZ			18:45																					
ZZZZZZ			18:47																					
ZZZZZZ			18:50																					
ZZZZZZ			18:52																					
CCV 460-971475/251	1		18:54	X	X																			
CCB 460-971475/252	1		18:57	X	X																			
MB 460-971430/1-A	1	R	19:16	X	X																			
LCS 460-971430/2-A	1	R	19:18	X	X																			
460-302596-G-1-A PDS	1	R	19:20	X	X																			
460-302596-G-1-C MS	1	R	19:23	X	X																			
460-302596-G-1-B DU	1	R	19:25	X	X																			
ZZZZZZ			19:27																					
460-302596-G-1-A SD	5	R	19:30	X	X																			
ZZZZZZ			19:32																					
ZZZZZZ			19:35																					
ZZZZZZ			19:37																					
CCV 460-971475/263	1		19:39	X	X																			
CCB 460-971475/264	1		19:42	X	X																			
ZZZZZZ			20:14																					
ZZZZZZ			20:16																					
ZZZZZZ			20:18																					
ZZZZZZ			20:21																					
ZZZZZZ			20:23																					
460-302660-1	1	R	20:25	X	X																			
460-302660-2	1	R	20:28	X	X																			
460-302660-3	1	R	20:30	X	X																			
ZZZZZZ			20:33																					
460-302660-4	1	R	20:35	X	X																			
CCV 460-971475/275	1		20:37	X	X																			
CCB 460-971475/276	1		20:40	X	X																			
460-302660-5	1	R	20:42	X	X																			
460-302660-6	1	R	20:45	X	X																			
ZZZZZZ			20:47																					
ZZZZZZ			20:49																					
ZZZZZZ			20:52																					
ZZZZZZ			20:54																					
CCV 460-971475/283	1		20:57	X	X																			
CCB 460-971475/284	1		20:59	X	X																			
ZZZZZZ			21:01																					
ZZZZZZ			21:04																					
ZZZZZZ			21:06																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

Instrument ID: ICPMS5 Method: 200.8

Start Date: 04/25/2024 08:24 End Date: 04/26/2024 02:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cu	Pb																		
ZZZZZZ			21:09																				
ZZZZZZ			21:11																				
ZZZZZZ			21:13																				
ZZZZZZ			21:16																				
ZZZZZZ			21:18																				
ZZZZZZ			21:21																				
ZZZZZZ			21:23																				
CCV 460-971475/295			21:25																				
CCB 460-971475/296			21:28																				
ZZZZZZ			21:30																				
ZZZZZZ			21:33																				
ZZZZZZ			21:35																				
ZZZZZZ			21:37																				
ZZZZZZ			21:40																				
ZZZZZZ			21:42																				
ZZZZZZ			21:45																				
ZZZZZZ			21:47																				
ZZZZZZ			21:50																				
ZZZZZZ			21:52																				
CCV 460-971475/307			21:54																				
CCB 460-971475/308			21:57																				
ZZZZZZ			21:59																				
ZZZZZZ			22:02																				
ZZZZZZ			22:04																				
ZZZZZZ			22:06																				
ZZZZZZ			22:09																				
ZZZZZZ			22:11																				
ZZZZZZ			22:14																				
CCV 460-971475/316			22:16																				
CCB 460-971475/317			22:18																				
ZZZZZZ			22:37																				
ICSA 460-971475/319			22:40																				
ICSAB 460-971475/320			22:42																				
ZZZZZZ			22:45																				
ZZZZZZ			22:47																				
ZZZZZZ			22:49																				
CCV 460-971475/324			22:52																				
CCB 460-971475/325			22:54																				
ZZZZZZ			22:57																				
ZZZZZZ			22:59																				
ZZZZZZ			23:01																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

Instrument ID: ICPMS5 Method: 200.8

Start Date: 04/25/2024 08:24 End Date: 04/26/2024 02:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cu	Pb																		
ZZZZZZ			23:04																				
ZZZZZZ			23:06																				
ZZZZZZ			23:09																				
ZZZZZZ			23:11																				
ZZZZZZ			23:13																				
ZZZZZZ			23:16																				
ZZZZZZ			23:18																				
CCV 460-971475/336			23:21																				
CCB 460-971475/337			23:23																				
ZZZZZZ			23:25																				
ZZZZZZ			23:28																				
ZZZZZZ			23:30																				
ZZZZZZ			23:33																				
ZZZZZZ			23:35																				
ZZZZZZ			23:38																				
ZZZZZZ			23:40																				
ZZZZZZ			23:42																				
ZZZZZZ			23:45																				
ZZZZZZ			23:47																				
CCV 460-971475/348			23:50																				
CCB 460-971475/349			23:52																				
ZZZZZZ			23:54																				
ZZZZZZ			23:57																				
ZZZZZZ			23:59																				
ZZZZZZ			00:02																				
ZZZZZZ			00:04																				
ZZZZZZ			00:06																				
ZZZZZZ			00:09																				
CCV 460-971475/357			00:11																				
CCB 460-971475/358			00:14																				
ZZZZZZ			00:16																				
ZZZZZZ			00:18																				
ZZZZZZ			00:21																				
ZZZZZZ			00:23																				
CCV 460-971475/363			00:26																				
CCB 460-971475/364			00:28																				
ZZZZZZ			00:56																				
ZZZZZZ			00:58																				
ZZZZZZ			01:01																				
ZZZZZZ			01:03																				
ZZZZZZ			01:05																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

Instrument ID: ICPMS5 Method: 200.8

Start Date: 04/25/2024 08:24 End Date: 04/26/2024 02:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cu	Pb																		
ZZZZZZ			01:08																				
ZZZZZZ			01:10																				
ZZZZZZ			01:13																				
ZZZZZZ			01:15																				
ZZZZZZ			01:17																				
CCV 460-971475/375			01:20																				
CCB 460-971475/376			01:22																				
ZZZZZZ			01:25																				
ZZZZZZ			01:27																				
ZZZZZZ			01:29																				
ZZZZZZ			01:32																				
ZZZZZZ			01:34																				
ZZZZZZ			01:37																				
CCV 460-971475/383			01:39																				
CCB 460-971475/384			01:41																				
ZZZZZZ			01:44																				
ZZZZZZ			01:46																				
ZZZZZZ			01:49																				
ZZZZZZ			01:51																				
ZZZZZZ			01:53																				
ZZZZZZ			01:56																				
ZZZZZZ			01:58																				
ZZZZZZ			02:01																				
ZZZZZZ			02:03																				
ZZZZZZ			02:06																				
CCV 460-971475/395			02:08																				
CCB 460-971475/396			02:10																				
ZZZZZZ			02:13																				
ZZZZZZ			02:15																				
ZZZZZZ			02:18																				
ZZZZZZ			02:20																				
ZZZZZZ			02:22																				
ZZZZZZ			02:25																				
ZZZZZZ			02:27																				
ZZZZZZ			02:30																				
ZZZZZZ			02:32																				
ZZZZZZ			02:35																				
CCV 460-971475/407			02:37																				
CCB 460-971475/408			02:39																				
ZZZZZZ			02:42																				
ZZZZZZ			02:44																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

Instrument ID: ICPMS5 Method: 200.8

Start Date: 04/25/2024 08:24 End Date: 04/26/2024 02:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cu	Pb																		
ZZZZZZ			02:47																				
ZZZZZZ			02:49																				
ZZZZZZ			02:51																				
CCV 460-971475/414			02:54																				
CCB 460-971475/415			02:56																				

Prep Types

D = Dissolved

R = Total Recoverable

T = Total/NA

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.: Analysis Batch No.: 971475

ICP-MS Instrument ID: ICPMS5 Start Date: 04/25/2024 End Date: 04/25/2024

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc/1	Q	Element Sc/2	Q	Element Sc/3	Q	Element Ge/2	Q
IC 460-971475/1	08:24	100		100		100		100		100	
IC 460-971475/2	08:27	100		99		101		100		100	
IC 460-971475/3	08:30	100		99		100		100		99	
IC 460-971475/4	08:32	101		99		100		99		101	
IC 460-971475/5	08:35	101		98		99		99		102	
IC 460-971475/6	08:37	100		97		98		98		102	
ICV 460-971475/7	08:40	100		98		99		100		102	
ICB 460-971475/8	08:42	99		100		100		101		99	
CRI 460-971475/9	08:45	102		99		100		101		99	
ICSA 460-971475/10	08:47	96		96		98		96		102	
ICSAB 460-971475/11	08:49	97		96		97		97		101	
LRC 460-971475/12	08:52	95		94		90		86		92	
LRC 460-971475/13	08:54	92		94		99		100		98	
LRC 460-971475/14	08:57	93		89		94		90		96	
CCV 460-971475/19	09:09	97		92		91		90		94	
CCB 460-971475/20	09:11	96		91		91		91		91	
CCV 460-971475/251	18:54	97		94		93		91		94	
CCB 460-971475/252	18:57	96		93		93		89		91	
MB 460-971430/1-A	19:16	99		95		95		92		91	
LCS 460-971430/2-A	19:18	99		95		94		91		90	
460-302596-G-1-A	19:20	96		94		93		91		95	
PDS 460-302596-G-1-C MS	19:23	94		93		92		89		95	
460-302596-G-1-B DU	19:25	94		92		92		89		94	
460-302596-G-1-A SD	19:30	93		91		90		88		95	
CCV 460-971475/263	19:39	94		91		91		89		92	
CCB 460-971475/264	19:42	95		91		92		89		90	
460-302660-1	20:25	97		92		93		91		95	
460-302660-2	20:28	96		92		93		90		95	
460-302660-3	20:30	97		94		93		91		95	
460-302660-4	20:35	97		92		92		90		94	
CCV 460-971475/275	20:37	95		91		90		89		91	
CCB 460-971475/276	20:40	95		91		91		89		89	
460-302660-5	20:42	99		93		93		91		95	
460-302660-6	20:45	98		93		92		90		94	
CCV 460-971475/283	20:57	95		92		91		89		92	
CCB 460-971475/284	20:59	95		92		92		88		90	
IS Name on Instrument											

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.: Analysis Batch No.: 971475

ICP-MS Instrument ID: ICPMS5 Start Date: 04/25/2024 End Date: 04/25/2024

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Ge/3	Q	Element In	Q	Element Tb	Q	Element Bi	Q	Element	Q
IC 460-971475/1	08:24	100		100		100		100			
IC 460-971475/2	08:27	101		100		100		99			
IC 460-971475/3	08:30	100		100		101		100			
IC 460-971475/4	08:32	102		99		99		97			
IC 460-971475/5	08:35	104		98		99		96			
IC 460-971475/6	08:37	104		95		98		94			
ICV 460-971475/7	08:40	101		97		98		96			
ICB 460-971475/8	08:42	99		99		99		99			
CRI 460-971475/9	08:45	100		100		100		99			
ICSA 460-971475/10	08:47	102		94		97		91			
ICSAB 460-971475/11	08:49	101		92		97		91			
LRC 460-971475/12	08:52	90		88		93		92			
LRC 460-971475/13	08:54	102		94		99		89			
LRC 460-971475/14	08:57	94		88		93		89			
CCV 460-971475/19	09:09	95		89		94		91			
CCB 460-971475/20	09:11	90		91		95		95			
CCV 460-971475/251	18:54	94		90		94		92			
CCB 460-971475/252	18:57	90		90		94		95			
MB 460-971430/1-A	19:16	91		93		95		96			
LCS 460-971430/2-A	19:18	90		92		95		95			
460-302596-G-1-A	19:20	95		88		93		90			
PDS 460-302596-G-1-C MS	19:23	95		89		93		89			
460-302596-G-1-B DU	19:25	95		89		93		91			
460-302596-G-1-A SD	19:30	94		88		92		92			
CCV 460-971475/263	19:39	93		89		93		91			
CCB 460-971475/264	19:42	88		89		94		93			
460-302660-1	20:25	95		90		94		94			
460-302660-2	20:28	92		89		94		93			
460-302660-3	20:30	94		89		93		93			
460-302660-4	20:35	94		89		93		92			
CCV 460-971475/275	20:37	91		87		92		88			
CCB 460-971475/276	20:40	88		88		91		91			
460-302660-5	20:42	94		89		93		93			
460-302660-6	20:45	94		90		94		93			
CCV 460-971475/283	20:57	92		88		92		90			
CCB 460-971475/284	20:59	89		88		92		92			
IS Name on Instrument											

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

Batch Number: 971430 Batch Start Date: 04/25/24 07:55 Batch Analyst: Funai, Julia K

Batch Method: 200.8 Batch End Date: 04/25/24 12:55

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ME_ipmsSPK 00052			
MB 460-971430/1		200.8, 200.8			50 mL	50 mL				
LCS 460-971430/2		200.8, 200.8			50 mL	50 mL	0.25 mL			
460-302596-G-1 DU		200.8, 200.8		R	50 mL	50 mL				
460-302596-G-1 MS		200.8, 200.8		R	50 mL	50 mL	0.25 mL			
460-302660-A-1	E24-01399-001_C DS-041920-1	200.8, 200.8	Water	R	50 mL	50 mL				
460-302660-A-2	E24-01399-002_C DS-041920-2	200.8, 200.8	Water	R	50 mL	50 mL				
460-302660-A-3	E24-01399-003_C DS-041920-3	200.8, 200.8	Water	R	50 mL	50 mL				
460-302660-A-4	E24-01399-004_C DS-041920-4	200.8, 200.8	Water	R	50 mL	50 mL				
460-302660-A-5	E24-01399-005_C DS-041920-5	200.8, 200.8	Water	R	50 mL	50 mL				
460-302660-A-6	E24-01399-006_C DS-041920-6	200.8, 200.8	Water	R	50 mL	50 mL				

Batch Notes	
Thermometer ID	metals 2 (CF +1 deg C)
Hot Block ID	#3
Thermometer Location ID	Hood #4
Oven, Bath or Block Temperature 1	90 uncorr 91 corr Degrees C
Lot # of hydrochloric acid	Lot # 231497 (Fisher Brand)
Pipette ID	#4
Filter Paper ID	09-790F
Digestion Tube/Cup ID	Lot no. 2307074-3320-IM (100 ml Dg Tube, ENV EXP)
Digestion Start Time	04/25/2024 08:15
Digestion End Time	04/25/2024 10:15
MB Hotblock Location	#4 Metals'
Batch Comment	1:1 DHCL MPR 403 = 0.50 ml. 1:1 DHNO3 MPR 399 = 1.00 ml.

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-302660-1

SDG No.:

Batch Number: 971430 Batch Start Date: 04/25/24 07:55 Batch Analyst: Funai, Julia K

Batch Method: 200.8 Batch End Date: 04/25/24 12:55

Basis	Basis Description
R	Total Recoverable

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Eurofins TestAmerica, Edison
777 New Durham Rd., Edison, NJ 08817

D/O6280

302660

CLIENT & PROJECT

Name: Integrated Analytical Laboratories LLC	
Address:	
273 Franklin Road	
Randolph, NJ 07869	
Telephone #: 973-361-4252	
Project Name: E24-01399	
Project Location (State): NJ	
Project Manager:	
Reference ID#: PO#	

REPORTING & BILLING

Contact: Kim James	
Fax #:	
EMail to: msimmons@ialonline com	
Report to: Melissa Simmons	
Address:	
Invoice to: Brenda Barone	
Address:	

Turnaround Time						Report Format
Verbal/Fax						Result Only
24 hr*	48 hr*	72 hr*	1 wk*	2 wk	Other: 2 WEEKS	
Hard Copy						Special Requirements
72 hr*	1 wk*	2 wk*	3 wk		Other:	
*Prior to sample arrival, Lab notification is required.						

Preservative
1 = HCL, 2 = NaOH, 3 = HNO_3
4 = H_2SO_4, 5= MeOH 6 = Other

SAMPLE INFORMATION

ANALYTICAL PARAMETERS / PRESERVATIVES

Sample ID	Sample Depth (in Feet)	Sampling Date	Sampling Time	Matrix	# of Containers	Metals (200.8): Cu (1 2 3 4 5 6)	Metals (200.8): Pb (1 2 3 4 5 6)	(1 2 3 4 5 6)	(1 2 3 4 5 6)	(1 2 3 4 5 6)	(1 2 3 4 5 6)	(1 2 3 4 5 6)	(1 2 3 4 5 6)	(1 2 3 4 5 6)	(1 2 3 4 5 6)	(1 2 3 4 5 6)	(1 2 3 4 5 6)	(1 2 3 4 5 6)	(1 2 3 4 5 6)
E24-01399-001_CDS-041920-1		4/19/24	07 15	Drinking Water	1	Run	Run													
E24-01399-002_CDS-041920-2		4/19/24	07 16	Drinking Water	1	Run	Run													
E24-01399-003_CDS-041920-3		4/19/24	07 17	Drinking Water	1	Run	Run													
E24-01399-004_CDS-041920-4		4/19/24	07 20	Drinking Water	1	Run	Run													
E24-01399-005_CDS-041920-5		4/19/24	07 25	Drinking Water	1	Run	Run													
E24-01399-006_CDS-041920-6		4/19/24	07 28	Drinking Water	1	Run	Run													

460-302660 Chain of Custody

Page 7 of 8

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

COOLER TEMP	Concentrations Expected	Known Hazard yes no
°C	LOW MED HIGH	Describe

Note.

EMAIL CONFIRMATION REQUIRED

1.1 | 1.5 IR9

CUSTODY LOG

Signature/Company	Date	Time	Signature/Company
Relinquished by:	4/22/2024	8:00:00 AM	Received by:
Relinquished by:	4/22/24	12:05	Received by: 4/22/24 12:10
Relinquished by:			Received by:

Lab Case #

PAGE: OF

04/25/2024

COC (001-006)

REV Feb 2013

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 302660

Number of Coolers: 1 | IR Gun #: 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.1 °C	1.5 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
1				✓											
2				✓											
3				✓											
4				✓											
5				✓											
6				✓											

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: TL Date: 4/22/24

Login Sample Receipt Checklist

Client: Integrated Analytical Laboratories LLC

Job Number: 460-302660-1

Login Number: 302660

List Source: Eurofins Edison

List Number: 1

Creator: Rivera, Kenneth

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mark Foschini
Integrated Analytical Laboratories LLC
273 Franklin Road
Randolph NJ 07869

Generated 05/03/2024

JOB DESCRIPTION

E24-01424

JOB NUMBER

460-302803-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

Generated
05/03/2024

Authorized for release by
Jill Miller, Senior Project Manager
Jill.Miller@et.eurofinsus.com
Designee for
Jill K Miller, Senior Project Manager
Jill.Miller@et.eurofinsus.com
484 802-0929

Table of Contents

Job Narrative
460-302803-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 4/24/2024 8:01 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

Method 200.8 - Metals (ICP/MS)
Samples E24-01424-001_CDS-042324-7 (460-302803-1), E24-01424-002_CDS-042324-8 (460-302803-2) and E24-01424-003_CDS-042324-9 (460-302803-3) were analyzed for Metals (ICP/MS). The samples were prepared and analyzed on 4/26/2024.

Sample Summary

Client: Integrated Analytical Laboratories LLC
Project/Site: E24-01424

Job ID: 460-302803-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-302803-1	E24-01424-001_CDS-042324-7	Water	04/23/24 07:10	04/24/24 08:01
460-302803-2	E24-01424-002_CDS-042324-8	Water	04/23/24 07:13	04/24/24 08:01
460-302803-3	E24-01424-003_CDS-042324-9	Water	04/23/24 07:17	04/24/24 08:01

Detection Summary

Client: Integrated Analytical Laboratories LLC
Project/Site: E24-01424

Job ID: 460-302803-1

Client Sample ID: E24-01424-001_CDS-042324-7 — Lab Sample ID: 460-302803-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.050		0.0025	0.0017	mg/L	1		200.8	Total/NA
Lead	0.00026	J	0.0020	0.00025	mg/L	1		200.8	Total/NA

Client Sample ID: E24-01424-002_CDS-042324-8 — Lab Sample ID: 460-302803-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.073		0.0025	0.0017	mg/L	1		200.8	Total/NA
Lead	0.0012	J	0.0020	0.00025	mg/L	1		200.8	Total/NA

Client Sample ID: E24-01424-003_CDS-042324-9 — Lab Sample ID: 460-302803-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.055		0.0025	0.0017	mg/L	1		200.8	Total/NA
Lead	0.0020		0.0020	0.00025	mg/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Integrated Analytical Laboratories LLC
Job ID: 460-302803-1
Project/Site: E24-01424

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	EET EDI
200	Preparation, Metals	EPA	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: E24-01424-001_CDS-042324-7
Lab Sample ID: 460-302803-1

Date Collected: 04/23/24 07:10
Matrix: Water
Date Received: 04/24/24 08:01

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.050		0.0025	0.0017	mg/L		04/26/24 17:50	04/26/24 18:06	1
Lead	0.00026	J	0.0020	0.00025	mg/L		04/26/24 17:50	04/26/24 18:06	1

Client Sample ID: E24-01424-002_CDS-042324-8
Lab Sample ID: 460-302803-2

Date Collected: 04/23/24 07:13
Matrix: Water
Date Received: 04/24/24 08:01

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.073		0.0025	0.0017	mg/L		04/26/24 17:50	04/26/24 18:07	1
Lead	0.0012	J	0.0020	0.00025	mg/L		04/26/24 17:50	04/26/24 18:07	1

Client Sample ID: E24-01424-003_CDS-042324-9
Lab Sample ID: 460-302803-3

Date Collected: 04/23/24 07:17
Matrix: Water
Date Received: 04/24/24 08:01

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.055		0.0025	0.0017	mg/L		04/26/24 17:50	04/26/24 18:08	1
Lead	0.0020		0.0020	0.00025	mg/L		04/26/24 17:50	04/26/24 18:08	1

Client: Integrated Analytical Laboratories LLC
Project/Site: E24-01424

Job ID: 460-302803-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 460-971690/1-A
Matrix: Water
Analysis Batch: 971714

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 971690

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.0017	U	0.0025	0.0017	mg/L		04/26/24 12:50	04/26/24 15:18	1
Lead	0.00025	U	0.0020	0.00025	mg/L		04/26/24 12:50	04/26/24 15:18	1

Lab Sample ID: LCS 460-971690/2-A
Matrix: Water
Analysis Batch: 971714

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 971690

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Copper			0.0100	0.00952		mg/L		95	85 - 115		
Lead			0.00500	0.00515		mg/L		103	85 - 115		

Lab Sample ID: 460-302531-A-1-C MS
Matrix: Water
Analysis Batch: 971714

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 971690

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Copper	0.14		0.0100	0.153	4	mg/L		80	70 - 130		
Lead	0.0017	J	0.00500	0.00671		mg/L		101	70 - 130		

Lab Sample ID: 460-302531-A-1-B DU
Matrix: Water
Analysis Batch: 971714

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 971690

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Copper	0.14			0.144		mg/L				0.4	20
Lead	0.0017	J		0.00165	J	mg/L				0.5	20

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Metals

Prep Batch: 971690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-302803-1	E24-01424-001_CDS-042324-7	Total/NA	Water	200	
460-302803-2	E24-01424-002_CDS-042324-8	Total/NA	Water	200	
460-302803-3	E24-01424-003_CDS-042324-9	Total/NA	Water	200	
MB 460-971690/1-A	Method Blank	Total/NA	Water	200	
LCS 460-971690/2-A	Lab Control Sample	Total/NA	Water	200	
460-302531-A-1-C MS	Matrix Spike	Total/NA	Water	200	
460-302531-A-1-B DU	Duplicate	Total/NA	Water	200	

Analysis Batch: 971714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-302803-1	E24-01424-001_CDS-042324-7	Total/NA	Water	200.8	971690
460-302803-2	E24-01424-002_CDS-042324-8	Total/NA	Water	200.8	971690
460-302803-3	E24-01424-003_CDS-042324-9	Total/NA	Water	200.8	971690
MB 460-971690/1-A	Method Blank	Total/NA	Water	200.8	971690
LCS 460-971690/2-A	Lab Control Sample	Total/NA	Water	200.8	971690
460-302531-A-1-C MS	Matrix Spike	Total/NA	Water	200.8	971690
460-302531-A-1-B DU	Duplicate	Total/NA	Water	200.8	971690

Lab Chronicle

Client: Integrated Analytical Laboratories LLC
Project/Site: E24-01424

Job ID: 460-302803-1

Client Sample ID: E24-01424-001_CDS-042324-7

Lab Sample ID: 460-302803-1

Date Collected: 04/23/24 07:10

Matrix: Water

Date Received: 04/24/24 08:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	200			971690	DLE	EET EDI	04/26/24 17:50
Total/NA	Analysis	200.8		1	971714	DLE	EET EDI	04/26/24 18:06

Client Sample ID: E24-01424-002_CDS-042324-8

Lab Sample ID: 460-302803-2

Date Collected: 04/23/24 07:13

Matrix: Water

Date Received: 04/24/24 08:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	200			971690	DLE	EET EDI	04/26/24 17:50
Total/NA	Analysis	200.8		1	971714	DLE	EET EDI	04/26/24 18:07

Client Sample ID: E24-01424-003_CDS-042324-9

Lab Sample ID: 460-302803-3

Date Collected: 04/23/24 07:17

Matrix: Water

Date Received: 04/24/24 08:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	200			971690	DLE	EET EDI	04/26/24 17:50
Total/NA	Analysis	200.8		1	971714	DLE	EET EDI	04/26/24 18:08

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Integrated Analytical Laboratories LLC
Job ID: 460-302803-1
Project/Site: E24-01424

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	12028	06-30-24

METALS

COVER PAGE
METALS

Lab Name: Eurofins Edison Job Number: 460-302803-1

SDG No.:

Project: E24-01424

Client Sample ID	Lab Sample ID
E24-01424-001_CDS-042324-7	460-302803-1
E24-01424-002_CDS-042324-8	460-302803-2
E24-01424-003_CDS-042324-9	460-302803-3

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: E24-01424-001_CDS-042324-7 Lab Sample ID: 460-302803-1

Lab Name: Eurofins Edison Job No.: 460-302803-1

SDG ID.:

Matrix: Water Date Sampled: 04/23/2024 07:10

Reporting Basis: WET Date Received: 04/24/2024 08:01

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-50-8	Copper	0.050	0.0025	0.0017	mg/L			1	200.8
7439-92-1	Lead	0.00026	0.0020	0.00025	mg/L	J		1	200.8

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: E24-01424-002_CDS-042324-8 Lab Sample ID: 460-302803-2

Lab Name: Eurofins Edison Job No.: 460-302803-1

SDG ID.:

Matrix: Water Date Sampled: 04/23/2024 07:13

Reporting Basis: WET Date Received: 04/24/2024 08:01

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-50-8	Copper	0.073	0.0025	0.0017	mg/L			1	200.8
7439-92-1	Lead	0.0012	0.0020	0.00025	mg/L	J		1	200.8

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: E24-01424-003_CDS-042324-9 Lab Sample ID: 460-302803-3

Lab Name: Eurofins Edison Job No.: 460-302803-1

SDG ID.:

Matrix: Water Date Sampled: 04/23/2024 07:17

Reporting Basis: WET Date Received: 04/24/2024 08:01

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-50-8	Copper	0.055	0.0025	0.0017	mg/L			1	200.8
7439-92-1	Lead	0.0020	0.0020	0.00025	mg/L			1	200.8

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-302803-1

SDG No.:

ICV Source: me_ICV_00284 Concentration Units: ug/L

CCV Source: me_Cal5_00157

Analyte	ICV 460-971714/7 04/26/2024 13:11				CCV 460-971714/77 04/26/2024 15:16				CCV 460-971714/86 04/26/2024 15:28			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Copper	41.31		40.0	103	50.12		50.0	100	50.84		50.0	102
Lead	40.94		40.0	102	52.11		50.0	104	52.23		50.0	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-302803-1

SDG No.:

ICV Source: me_ICV_00284 Concentration Units: ug/L

CCV Source: me_Cal5_00157

Analyte	CCV 460-971714/94 04/26/2024 15:40				CCV 460-971714/103 04/26/2024 16:27				CCV 460-971714/105 04/26/2024 17:58			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Copper	50.52		50.0	101	50.24		50.0	100	50.11		50.0	100
Lead	52.17		50.0	104	52.47		50.0	105	52.91		50.0	106

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-302803-1

SDG No.:

ICV Source: me_ICV_00284 Concentration Units: ug/L

CCV Source: me_Cal5_00157

Analyte	CCV 460-971714/112 04/26/2024 18:10											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Copper	50.66		50.0	101								
Lead	52.99		50.0	106								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-302803-1

SDG No.:

Method: 200.8 Instrument ID: ICPMS3

Lab Sample ID: CRI 460-971714/9 Concentration Units: ug/L

CRQL Check Standard Source: me_CAL1_00185

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Copper	2.50	2.14	J	85	85-115
Lead	2.00	2.15		108	85-115

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-302803-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-971714/8 04/26/2024 13:13		CCB 460-971714/78 04/26/2024 15:17		CCB 460-971714/87 04/26/2024 15:30		CCB 460-971714/95 04/26/2024 15:41	
		Found	C	Found	C	Found	C	Found	C
Copper	2.5	1.7	U	1.7	U	1.7	U	1.7	U
Lead	2.0	0.25	U	0.25	U	0.25	U	0.25	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-302803-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-971714/104 04/26/2024 16:28		CCB 460-971714/106 04/26/2024 18:00		CCB 460-971714/113 04/26/2024 18:11			
		Found	C	Found	C	Found	C	Found	C
Copper	2.5	1.7	U	1.7	U	1.7	U		
Lead	2.0	0.25	U	0.25	U	0.25	U		

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Edison Job No.: 460-302803-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 460-971690/1-A

Instrument Code: ICPMS3 Batch No.: 971714

CAS No.	Analyte	Concentration	C	Q	Method
7440-50-8	Copper	0.0017	U		200.8
7439-92-1	Lead	0.00025	U		200.8

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-302803-1

SDG No.:

Lab Sample ID: ICSA 460-971714/10 Instrument ID: ICPMS3

Lab File ID: 013DISA.d ICS Source: me_ICSA_DW_00378

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Copper		**-0.146**	
Lead		**-0.0740**	
Arsenic		*-0.105*	
Calcium	*25000*	*25547*	*102*
Iron	*25000*	*24778*	*99*
Magnesium	*25000*	*24608*	*98*
Manganese		*0.0500*	
Selenium		*0.0880*	
Strontium		*0.202*	
Tin		*0.0750*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-302803-1

SDG No.:

Lab Sample ID: ICSAB 460-971714/11 Instrument ID: ICPMS3

Lab File ID: 014DISB.d ICS Source: me_ICSAB_DW_00363

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Copper	**50.0**	**48.3**	**97**
Lead	**50.0**	**48.0**	**96**
Arsenic	*50.0*	*49.5*	*99*
Calcium	*25000*	*24980*	*100*
Iron	*25000*	*24218*	*97*
Magnesium	*25000*	*23698*	*95*
Manganese	*50.0*	*48.5*	*97*
Selenium	*50.0*	*48.6*	*97*
Strontium	*50.0*	*50.8*	*102*
Tin	*50.0*	*51.6*	*103*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-302531-A-1-C MS

Lab Name: Eurofins Edison Job No.: 460-302803-1

SDG No.: _____

Matrix: Water Concentration Units: mg/L

% Solids: _____

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Copper	0.153		0.14		0.0100	80	70-130	4	200.8
Lead	0.00671		0.0017	J	0.00500	101	70-130		200.8

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

6-IN
DUPLICATES
METALS

Client ID: Lab ID: 460-302531-A-1-B DU

Lab Name: Eurofins Edison Job No.: 460-302803-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: mg/L

Analyte	Control Limit	Sample (S) C		Duplicate (D) C		RPD	Q	Method
Copper	0.0025	0.14		0.144		0.4		200.8
Lead	0.0020	0.0017	J	0.00165	J	0.5		200.8

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-971690/2-A

Lab Name: Eurofins Edison Job No.: 460-302803-1

Sample Matrix: Water LCS Source: ME_ipmsSPK_00052

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Copper	0.0100	0.00952		95	85	115		200.8
Lead	0.00500	0.00515		103	85	115		200.8

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-302531-A-1-A SD ^5

SDG No:

Lab Name: Eurofins Edison Job No: 460-302803-1

Matrix: Water Concentration Units: mg/L

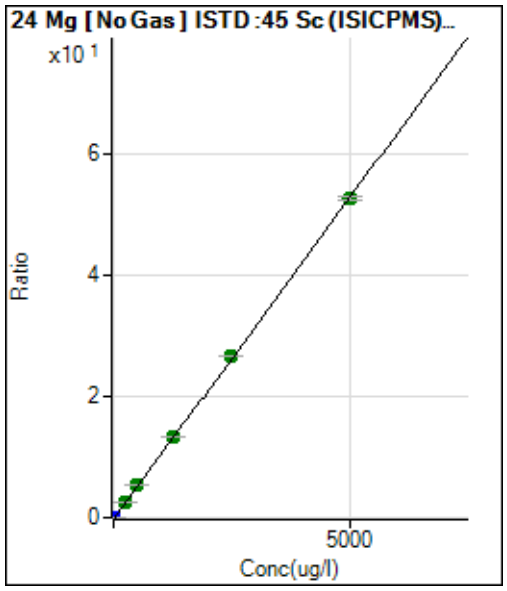
Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Copper	0.14		0.152		NC		200.8
Lead	0.0017	J	0.0013	U	NC		200.8

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

Batch Folder: C:\Agilent\ICPMH\1\DATA\Pb_042624.b\
Analysis File: Pb_042624.batch.bin
DA Date-Time: 2024-04-26 16:27:33
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

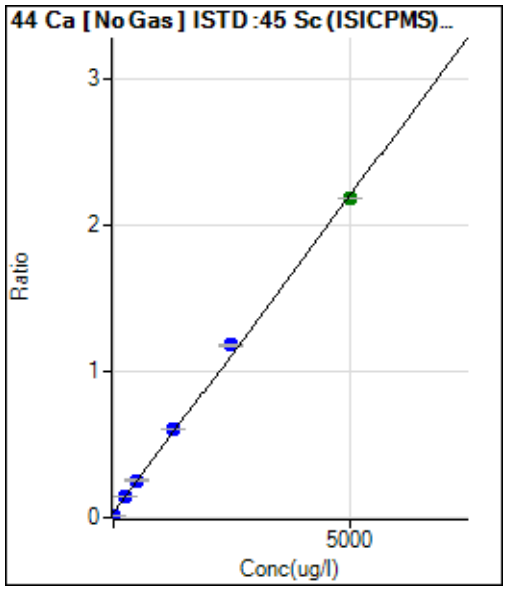
Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	IC Cal Blk	2024-04-26 13:02:45
2	005CALS.d	IC Cal 1	2024-04-26 13:04:17
3	006CALS.d	IC Cal 2	2024-04-26 13:06:01
4	007CALS.d	IC Cal 3	2024-04-26 13:07:31
5	008CALS.d	IC Cal 4	2024-04-26 13:08:59
6	009CALS.d	IC Cal 5	2024-04-26 13:10:28



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	-0.010	7065.63	0.0023	P	1.0	
2	☐	250.000	251.763	8549592.94	2.6728	A	0.7	0.7
3	☐	500.000	517.314	17314069.92	5.4895	A	0.5	3.5
4	☐	1250.000	1265.170	42948824.40	13.4220	A	0.5	1.2
5	☐	2500.000	2503.620	85055013.68	26.5582	A	0.2	0.1
6	☐	5000.000	4963.195	167725319.41	52.6468	A	1.1	-0.7

y = 0.010607 * x + 0.002395
R = 1.0000
DL = 0.006521 ug/l
BEC = 0.2258 ug/l

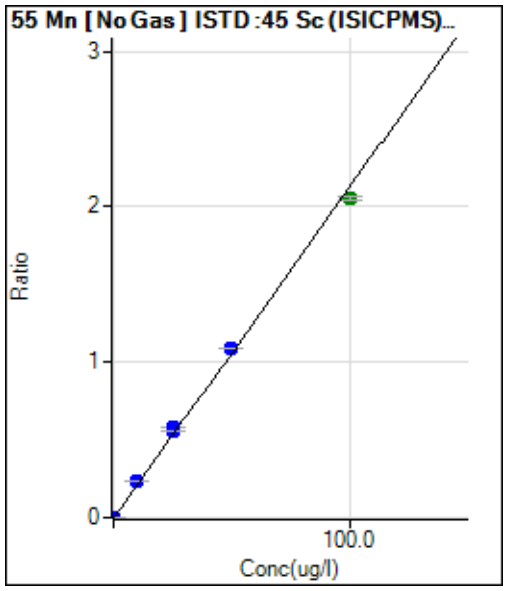
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	-61.010	57958.29	0.0188	P	1.1	
2	☐	250.000	236.838	473529.73	0.1480	P	0.8	-5.3
3	☐	500.000	483.617	804652.45	0.2551	P	1.4	-3.3
4	☐	1250.000	1289.770	1935873.49	0.6050	P	0.2	3.2
5	☐	2500.000	2616.862	3781934.61	1.1809	P	0.6	4.7
6	☐	5000.000	4933.923	6966167.56	2.1865	A	0.5	-1.3

y = 4.339755E-004 * x + 0.045254
R = 0.9993
DL = 1.396 ug/l
BEC = 104.3 ug/l

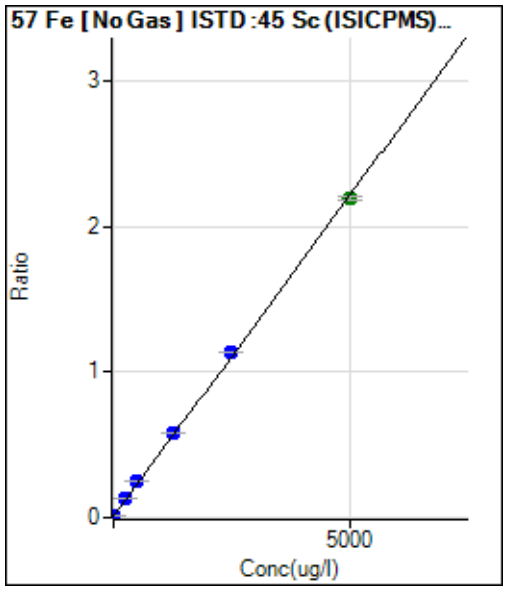
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	-0.027	12758.67	0.0041	P	1.7	
2	☐	25.000	27.011	1858292.60	0.5809	P	0.6	8.0
3	☐	10.000	10.579	726636.93	0.2304	P	0.7	5.8
4	☐	25.000	25.849	1779642.41	0.5562	P	0.7	3.4
5	☐	50.000	50.908	3493178.99	1.0907	P	0.4	1.8
6	☐	100.000	96.067	6544380.92	2.0542	A	0.7	-3.9

y = 0.021334 * x + 0.004700
R = 0.9992
DL = 0.01005 ug/l
BEC = 0.2203 ug/l

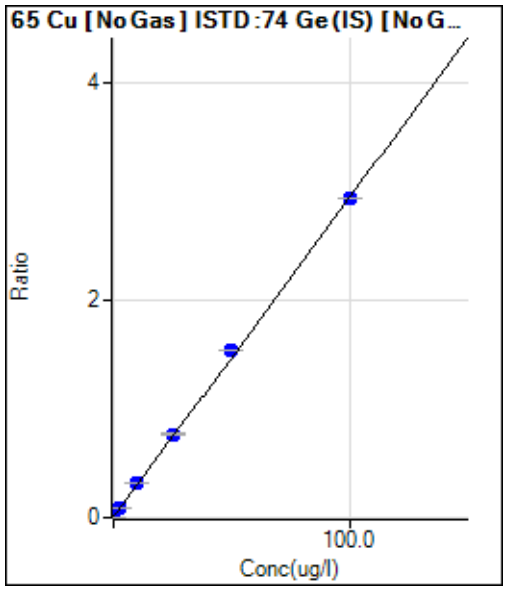
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	-3.111	55575.12	0.0180	P	1.5	
2	☐	250.000	260.714	430181.53	0.1345	P	0.2	4.3
3	☐	500.000	516.814	780795.01	0.2476	P	0.2	3.4
4	☐	1250.000	1267.019	1852006.88	0.5788	P	0.2	1.4
5	☐	2500.000	2531.580	3641543.25	1.1371	P	0.6	1.3
6	☐	5000.000	4929.703	6995622.33	2.1958	A	1.3	-1.4

y = 4.415008E-004 * x + 0.019379
R = 0.9999
DL = 1.854 ug/l
BEC = 43.89 ug/l

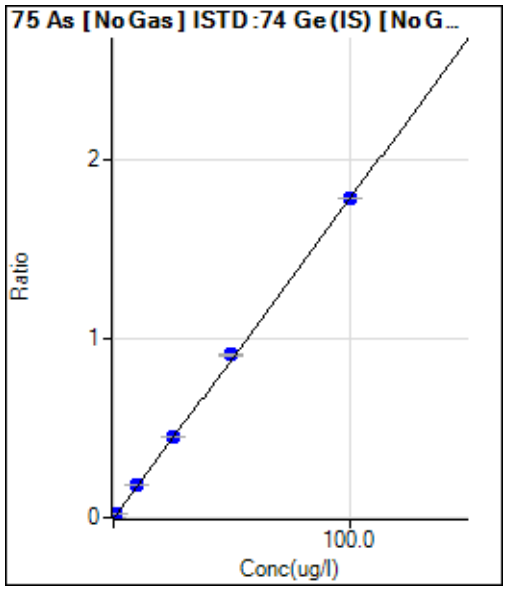
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	-0.640	830.03	0.0020	P	4.4	
2	☐	2.500	2.126	35901.23	0.0834	P	1.4	-15.0
3	☐	10.000	9.956	133739.47	0.3137	P	1.4	-0.4
4	☐	25.000	25.392	328185.98	0.7677	P	0.7	1.6
5	☐	50.000	51.501	667440.55	1.5358	P	0.6	3.0
6	☐	100.000	99.165	1253580.13	2.9378	P	0.4	-0.8

y = 0.029416 * x + 0.020833
R = 0.9998
DL = 0.009019 ug/l
BEC = 0.7082 ug/l

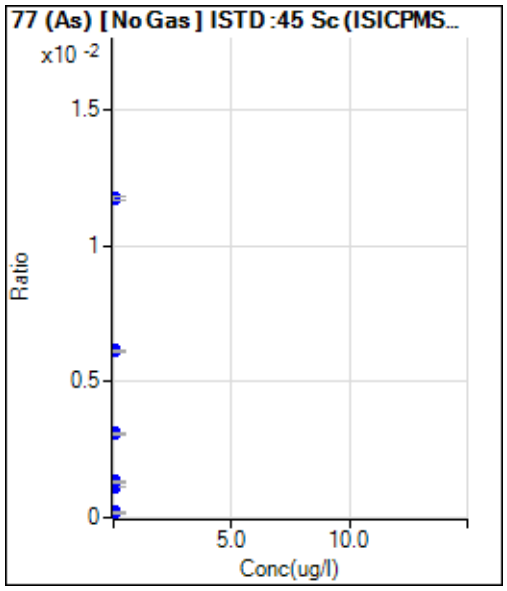
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	-0.161	79.85	0.0002	P	109.4	
2	☐	1.000	0.834	7735.00	0.0180	P	1.4	-16.6
3	☐	10.000	9.968	77128.08	0.1809	P	0.7	-0.3
4	☐	25.000	25.028	192187.39	0.4496	P	1.1	0.1
5	☐	50.000	50.665	394183.27	0.9070	P	0.5	1.3
6	☐	100.000	99.665	760032.48	1.7812	P	0.5	-0.3

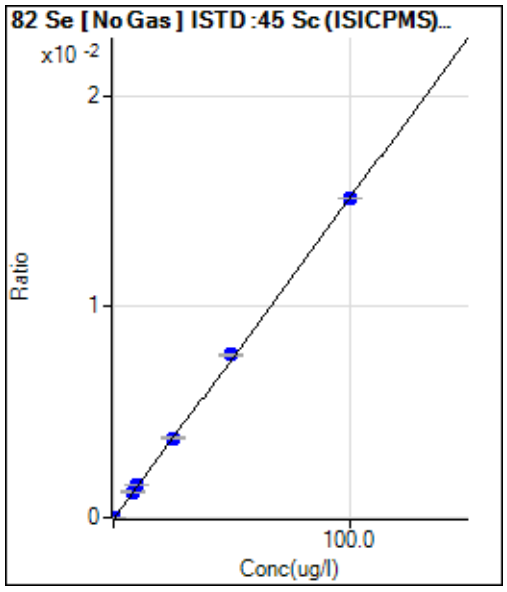
y = 0.017841 * x + 0.003072
R = 1.0000
DL = 0.03522 ug/l
BEC = 0.1722 ug/l

Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000		561.13	0.0002	P	6.1	
2	☐	0.000		3640.51	0.0011	P	2.8	
3	☐	0.000		4153.98	0.0013	P	4.3	
4	☐	0.000		9877.86	0.0031	P	3.5	
5	☐	0.000		19635.46	0.0061	P	0.3	
6	☐	0.000		37467.62	0.0118	P	0.8	

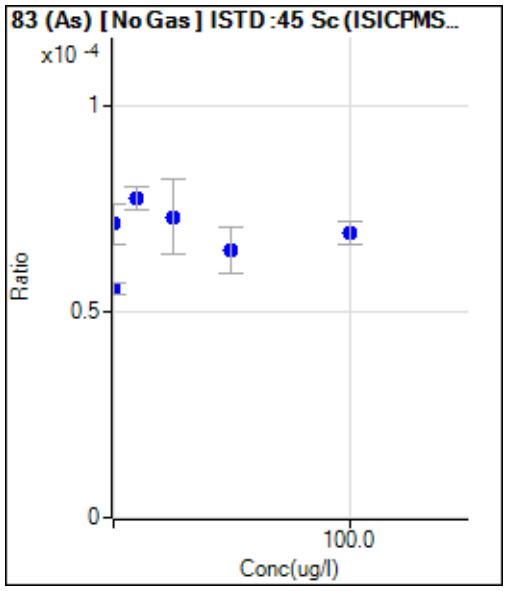
Excluded



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	-0.001	34.22	0.0000	P	24.3	
2	☐	8.000	8.011	3935.06	0.0012	P	1.5	0.1
3	☐	10.000	10.124	4894.28	0.0016	P	2.6	1.2
4	☐	25.000	24.659	12042.99	0.0038	P	1.7	-1.4
5	☐	50.000	50.744	24765.45	0.0077	P	1.2	1.5
6	☐	100.000	99.482	48267.36	0.0151	P	0.2	-0.5

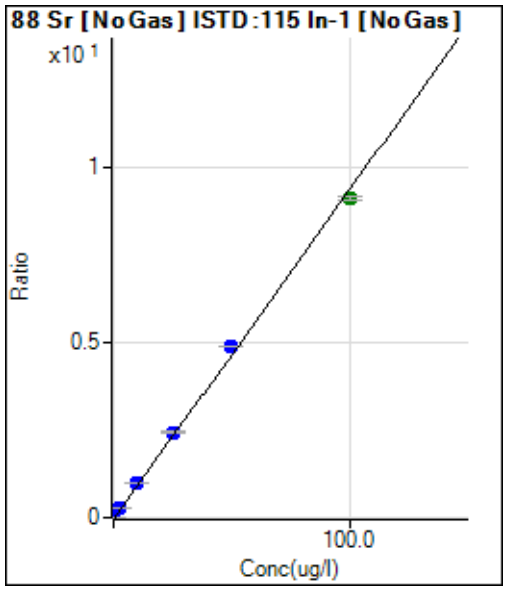
y = 1.521734E-004 * x + 1.119341E-005
R = 0.9999
DL = 0.05304 ug/l
BEC = 0.07356 ug/l

Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000		220.00	0.0001	P	13.8	
2	☐	0.000		177.78	0.0001	P	5.6	
3	☐	10.000		244.45	0.0001	P	7.0	
4	☐	25.000		233.34	0.0001	P	25.2	
5	☐	50.000		207.78	0.0001	P	17.9	
6	☐	100.000		220.00	0.0001	P	7.9	

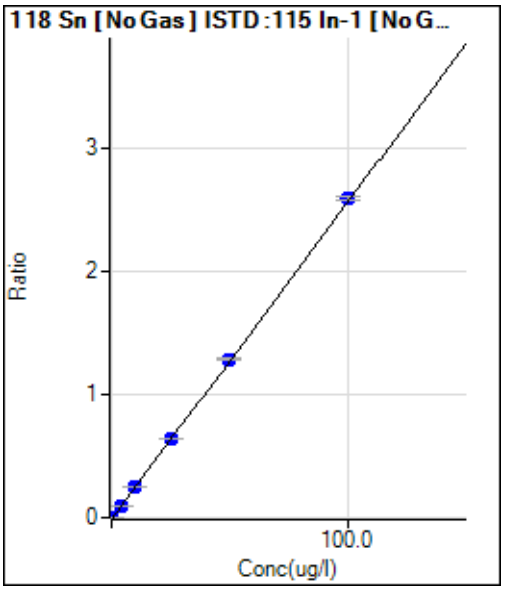
Excluded



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	-0.001	387.08	0.0005	P	16.5	
2	☐	2.500	2.660	190622.77	0.2509	P	1.0	6.4
3	☐	10.000	10.432	732209.35	0.9823	P	0.6	4.3
4	☐	25.000	25.859	1829751.41	2.4341	P	0.9	3.4
5	☐	50.000	51.965	3692437.49	4.8909	P	0.4	3.9
6	☐	100.000	96.820	6676907.66	9.1120	A	1.3	-3.2

y = 0.094107 * x + 6.081281E-004
R = 0.9993
DL = 0.002812 ug/l
BEC = 0.006462 ug/l

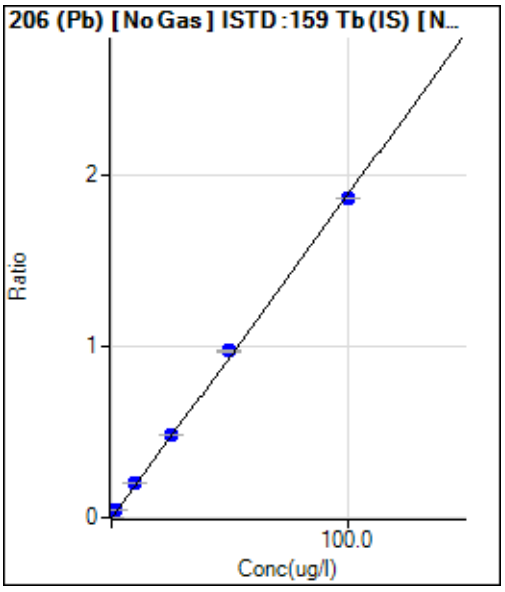
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.003	737.45	0.0010	P	9.3	
2	☐	4.000	3.811	75150.18	0.0989	P	1.0	-4.7
3	☐	10.000	9.853	189501.40	0.2542	P	0.6	-1.5
4	☐	25.000	24.709	478216.93	0.6362	P	0.5	-1.2
5	☐	50.000	49.918	969557.90	1.2842	P	1.1	-0.2
6	☐	100.000	100.727	1898180.14	2.5904	P	1.2	0.7

y = 0.025708 * x + 9.463818E-004
R = 1.0000
DL = 0.01108 ug/l
BEC = 0.03681 ug/l

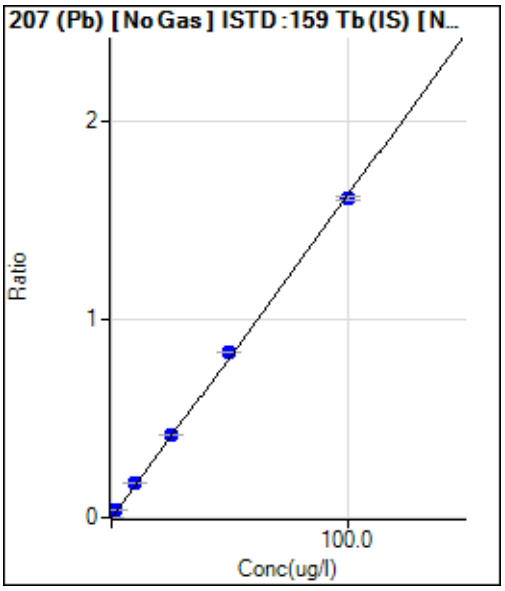
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	-0.022	4825.37	0.0050	P	4.4	
2	☐	2.000	2.109	46226.51	0.0453	P	0.3	5.4
3	☐	10.000	10.250	200333.13	0.1995	P	0.1	2.5
4	☐	25.000	25.189	490899.92	0.4825	P	0.5	0.8
5	☐	50.000	51.143	999374.88	0.9741	P	0.4	2.3
6	☐	100.000	98.397	1912865.86	1.8692	P	0.6	-1.6

y = 0.018942 * x + 0.005361
R = 0.9998
DL = 0.0347 ug/l
BEC = 0.283 ug/l

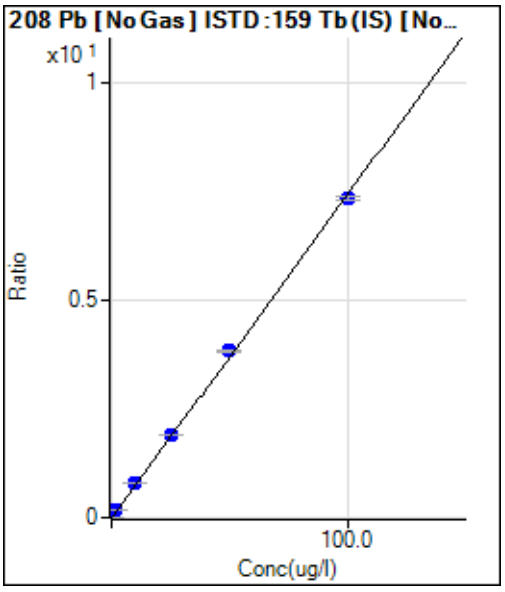
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	-0.024	3922.85	0.0040	P	2.3	
2	☐	2.000	2.142	40086.13	0.0393	P	1.2	7.1
3	☐	10.000	10.305	172876.74	0.1722	P	0.4	3.0
4	☐	25.000	25.170	421367.66	0.4141	P	1.0	0.7
5	☐	50.000	50.951	855466.71	0.8338	P	0.1	1.9
6	☐	100.000	98.517	1645634.56	1.6081	P	1.1	-1.5

y = 0.016278 * x + 0.004420
R = 0.9999
DL = 0.01673 ug/l
BEC = 0.2715 ug/l

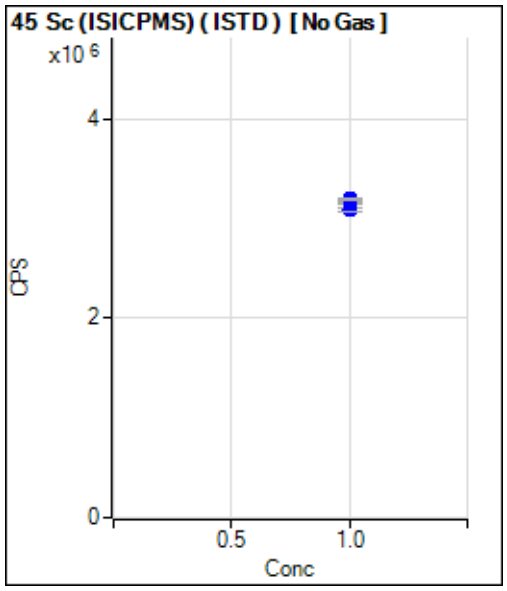
Weight: 1/y
Min Conc: <None>



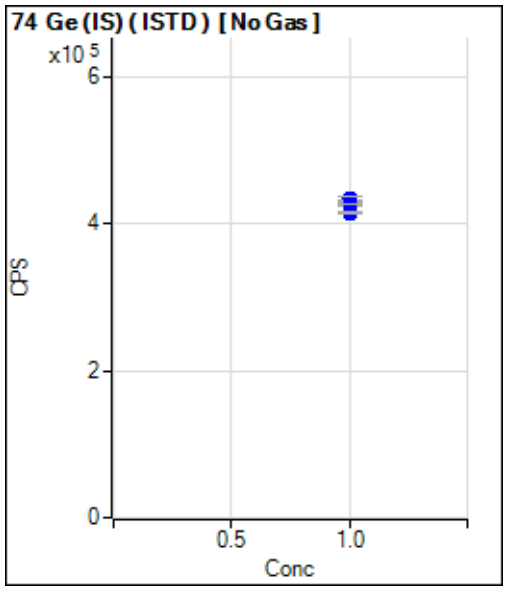
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	-0.026	18499.60	0.0190	P	1.2	
2	☐	2.000	2.135	183633.40	0.1800	P	0.6	6.7
3	☐	10.000	10.328	793636.05	0.7904	P	0.1	3.3
4	☐	25.000	25.293	1938481.75	1.9052	P	0.7	1.2
5	☐	50.000	51.083	3925906.97	3.8266	P	0.3	2.2
6	☐	100.000	98.265	7512983.34	7.3417	P	1.0	-1.7

y = 0.074500 * x + 0.020915
R = 0.9998
DL = 0.00946 ug/l
BEC = 0.2807 ug/l

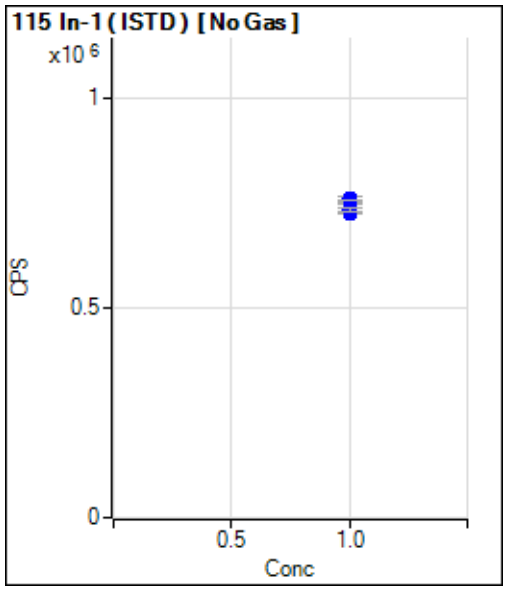
Weight: 1/y
Min Conc: <None>



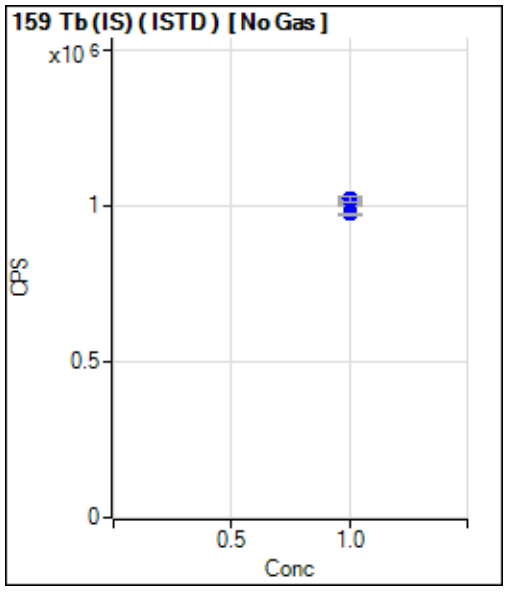
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		3086710.44		P	0.8	
2	☐	1.000		3198746.03		P	0.3	
3	☐	1.000		3154081.41		P	0.7	
4	☐	1.000		3199893.98		P	0.3	
5	☐	1.000		3202580.20		P	0.3	
6	☐	1.000		3186038.25		P	0.8	



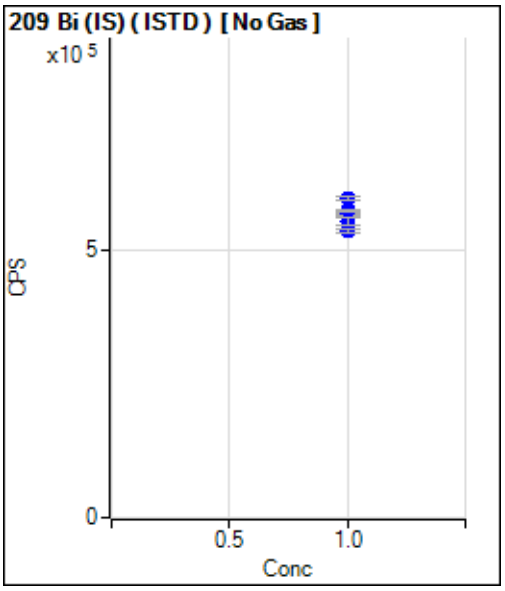
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		414562.52		P	0.8	
2	☐	1.000		430674.18		P	1.2	
3	☐	1.000		426331.66		P	0.4	
4	☐	1.000		427473.52		P	0.4	
5	☐	1.000		434612.98		P	0.9	
6	☐	1.000		426698.47		P	0.5	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		724774.00		P	0.9	
2	☐	1.000		759737.14		P	0.6	
3	☐	1.000		745385.31		P	0.4	
4	☐	1.000		751720.52		P	0.4	
5	☐	1.000		754960.52		P	0.2	
6	☐	1.000		732807.25		P	0.8	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		974504.32		P	0.6	
2	☐	1.000		1020391.19		P	0.6	
3	☐	1.000		1004132.64		P	0.1	
4	☐	1.000		1017482.13		P	0.7	
5	☐	1.000		1025961.78		P	0.2	
6	☐	1.000		1023436.97		P	1.6	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		535500.37		P	1.7	
2	☐	1.000		565559.86		P	0.1	
3	☐	1.000		569262.39		P	1.7	
4	☐	1.000		573940.02		P	0.6	
5	☐	1.000		553890.44		P	2.4	
6	☐	1.000		596438.15		P	1.5	

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-302803-1

SDG Number:

Matrix: Water Instrument ID: ICPMS3

Method: 200.8 MDL Date: 05/13/2023 00:00

Prep Method: 200

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Copper		2.5	1.67
Lead		2	0.251

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-302803-1

SDG Number:

Matrix: Water Instrument ID: ICPMS3

Method: 200.8 XMDL Date: 05/13/2023 00:00

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Copper		2.5	1.67
Lead		2	0.251

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins Edison Job No: 460-302803-1

SDG No.:

Instrument ID: ICPMS3 Date: 12/14/2023 00:00

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Copper		5000	200.8
Lead		500	200.8

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-302803-1

SDG No.:

Prep Method: 200

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-971690/1-A	04/26/2024 12:50	971690		10	10
LCS 460-971690/2-A	04/26/2024 12:50	971690		10	10
460-302531-A-1-B DU	04/26/2024 12:50	971690		10	10
460-302531-A-1-C MS	04/26/2024 12:50	971690		10	10
460-302803-1	04/26/2024 17:50	971690		10	10
460-302803-2	04/26/2024 17:50	971690		10	10
460-302803-3	04/26/2024 17:50	971690		10	10

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-302803-1

SDG No.:

Instrument ID: ICPMS3 Method: 200.8

Start Date: 04/26/2024 13:02 End Date: 04/26/2024 18:11

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cu	Pb																		
IC 460-971714/1	1		13:02	X	X																		
IC 460-971714/2	1		13:04	X	X																		
IC 460-971714/3	1		13:06	X	X																		
IC 460-971714/4	1		13:07	X	X																		
IC 460-971714/5	1		13:08	X	X																		
IC 460-971714/6	1		13:10	X	X																		
ICV 460-971714/7	1		13:11	X	X																		
ICB 460-971714/8	1		13:13	X	X																		
CRI 460-971714/9	1		13:14	X	X																		
ICSA 460-971714/10	1		13:16	X	X																		
ICSAB 460-971714/11	1		13:17	X	X																		
CCV 460-971714/12			13:28																				
CCB 460-971714/13			13:29																				
ZZZZZZ			13:31																				
ZZZZZZ			13:32																				
ZZZZZZ			13:34																				
ZZZZZZ			13:35																				
ZZZZZZ			13:36																				
ZZZZZZ			13:38																				
ZZZZZZ			13:39																				
ZZZZZZ			13:41																				
ZZZZZZ			13:42																				
ZZZZZZ			13:44																				
CCV 460-971714/24			13:45																				
CCB 460-971714/25			13:46																				
ZZZZZZ			13:48																				
ZZZZZZ			13:49																				
ZZZZZZ			13:51																				
ZZZZZZ			13:52																				
ZZZZZZ			13:54																				
ZZZZZZ			13:55																				
ZZZZZZ			13:57																				
ZZZZZZ			13:58																				
ZZZZZZ			13:59																				
CCV 460-971714/35			14:01																				
CCB 460-971714/36			14:02																				
ZZZZZZ			14:04																				
ZZZZZZ			14:05																				
ZZZZZZ			14:07																				
ZZZZZZ			14:08																				
ZZZZZZ			14:09																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-302803-1

SDG No.:

Instrument ID: ICPMS3 Method: 200.8

Start Date: 04/26/2024 13:02 End Date: 04/26/2024 18:11

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cu	Pb																		
ZZZZZZ			14:11																				
ZZZZZZ			14:12																				
CCV 460-971714/44			14:14																				
CCB 460-971714/45			14:15																				
ZZZZZZ			14:23																				
ZZZZZZ			14:24																				
ZZZZZZ			14:26																				
ZZZZZZ			14:27																				
ZZZZZZ			14:29																				
ZZZZZZ			14:30																				
ZZZZZZ			14:39																				
CCV 460-971714/53			14:41																				
CCB 460-971714/54			14:42																				
ZZZZZZ			14:43																				
ZZZZZZ			14:45																				
ZZZZZZ			14:46																				
ZZZZZZ			14:48																				
ZZZZZZ			14:49																				
ZZZZZZ			14:51																				
ZZZZZZ			14:52																				
ZZZZZZ			14:54																				
ZZZZZZ			14:55																				
ZZZZZZ			14:56																				
CCV 460-971714/65			14:58																				
CCB 460-971714/66			14:59																				
ZZZZZZ			15:01																				
ZZZZZZ			15:02																				
ZZZZZZ			15:03																				
ZZZZZZ			15:05																				
ZZZZZZ			15:06																				
ZZZZZZ			15:08																				
ZZZZZZ			15:10																				
ZZZZZZ			15:11																				
ZZZZZZ			15:13																				
ZZZZZZ			15:14																				
CCV 460-971714/77	1		15:16	X	X																		
CCB 460-971714/78	1		15:17	X	X																		
MB 460-971690/1-A	1	T	15:18	X	X																		
LCS 460-971690/2-A	1	T	15:20	X	X																		
ZZZZZZ			15:21																				
460-302531-A-1-B DU	1	T	15:23	X	X																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-302803-1

SDG No.:

Instrument ID: ICPMS3 Method: 200.8

Start Date: 04/26/2024 13:02 End Date: 04/26/2024 18:11

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cu	Pb																			
ZZZZZZ			15:24																					
460-302531-A-1-A SD ^5	5	T	15:26	X	X																			
ZZZZZZ			15:27																					
CCV 460-971714/86	1		15:28	X	X																			
CCB 460-971714/87	1		15:30	X	X																			
ZZZZZZ			15:31																					
ZZZZZZ			15:33																					
ZZZZZZ			15:34																					
ZZZZZZ			15:36																					
ZZZZZZ			15:37																					
ZZZZZZ			15:39																					
CCV 460-971714/94	1		15:40	X	X																			
CCB 460-971714/95	1		15:41	X	X																			
ZZZZZZ			16:17																					
ZZZZZZ			16:18																					
ZZZZZZ			16:20																					
ZZZZZZ			16:21																					
460-302531-A-1-C MS	1	T	16:22	X	X																			
ZZZZZZ			16:24																					
ZZZZZZ			16:25																					
CCV 460-971714/103	1		16:27	X	X																			
CCB 460-971714/104	1		16:28	X	X																			
CCV 460-971714/105	1		17:58	X	X																			
CCB 460-971714/106	1		18:00	X	X																			
ZZZZZZ			18:03																					
ZZZZZZ			18:04																					
460-302803-1	1	T	18:06	X	X																			
460-302803-2	1	T	18:07	X	X																			
460-302803-3	1	T	18:08	X	X																			
CCV 460-971714/112	1		18:10	X	X																			
CCB 460-971714/113	1		18:11	X	X																			

Prep Types

T = Total/NA

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-302803-1

SDG No.: Analysis Batch No.: 971714

ICP-MS Instrument ID: ICPMS3 Start Date: 04/26/2024 End Date: 04/26/2024

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Sc	Q	Element Ge	Q	Element In	Q	Element Tb	Q	Element Bi	Q
IC 460-971714/1	13:02	100		100		100		100		100	
IC 460-971714/2	13:04	104		104		105		105		106	
IC 460-971714/3	13:06	102		103		103		103		106	
IC 460-971714/4	13:07	104		103		104		104		107	
IC 460-971714/5	13:08	104		105		104		105		103	
IC 460-971714/6	13:10	103		103		101		105		111	
ICV 460-971714/7	13:11	103		104		104		105		104	
ICB 460-971714/8	13:13	99		101		101		101		99	
CRI 460-971714/9	13:14	100		103		103		103		100	
ICSA 460-971714/10	13:16	103		101		98		102		124	
ICSAB 460-971714/11	13:17	104		103		102		107		123	
CCV 460-971714/77	15:16	95		97		99		103		106	
CCB 460-971714/78	15:17	90		94		96		99		100	
MB 460-971690/1-A	15:18	90		93		95		99		99	
LCS 460-971690/2-A	15:20	92		96		99		102		101	
460-302531-A-1-B DU	15:23	94		93		94		99		98	
460-302531-A-1-A SD	15:26	90		95		96		100		92	
^5 CCV 460-971714/86	15:28	97		99		100		103		108	
CCB 460-971714/87	15:30	92		96		98		100		101	
CCV 460-971714/94	15:40	96		98		98		102		105	
CCB 460-971714/95	15:41	91		94		97		99		100	
460-302531-A-1-C MS	16:22	94		94		95		100		100	
CCV 460-971714/103	16:27	96		98		98		102		106	
CCB 460-971714/104	16:28	91		94		96		99		100	
CCV 460-971714/105	17:58	90		91		94		99		100	
CCB 460-971714/106	18:00	87		89		93		97		99	
460-302803-1	18:06	88		92		94		99		96	
460-302803-2	18:07	87		92		94		99		97	
460-302803-3	18:08	88		92		94		98		95	
CCV 460-971714/112	18:10	94		95		98		102		107	
CCB 460-971714/113	18:11	89		92		96		99		101	
IS Name on Instrument											

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-302803-1

SDG No.:

Batch Number: 971690 Batch Start Date: 04/26/24 12:50 Batch Analyst: Evans, Donald

Batch Method: 200 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount				
MB 460-971690/1		200, 200.8			10 mL	10 mL				
LCS 460-971690/2		200, 200.8			10 mL	10 mL				
460-302531-A-1 DU		200, 200.8		T	10 mL	10 mL				
460-302531-A-1 MS		200, 200.8		T	10 mL	10 mL				
460-302803-A-1	E24-01424-001_CDS-042324-7	200, 200.8	Water	T	10 mL	10 mL				
460-302803-A-2	E24-01424-002_CDS-042324-8	200, 200.8	Water	T	10 mL	10 mL				
460-302803-A-3	E24-01424-003_CDS-042324-9	200, 200.8	Water	T	10 mL	10 mL				

Batch Notes	
Batch Comment	drinking water batch. samples not digested.

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Eurofins TestAmerica, Edison
777 New Durham Rd., Edison, NJ 08817

D/O6301

CLIENT & PROJECT

Name: Integrated Analytical Laboratories LLC	
Address:	
273 Franklin Road	
Randolph, NJ 07869	
Telephone #: 973-361-4252	
Project Name: E24-01424	
Project Location (State): NJ	
Project Manager:	
Reference ID#: PO#	

REPORTING & BILLING

Contact:	Kim James
Fax #:	
EMail to:	msimmons@ialonline.com
Report to:	Melissa Simmons
Address:	
Invoice to:	Brenda Barone
Address:	

Turnaround Time	Report Format
Verbal/Fax	Result Only
24 hr* 48 hr* 72 hr* 1 wk* 2 wk Other: 2 WEEKS	
Hard Copy	Special Requirements
72 hr* 1 wk* 2 wk* 3 wk Other:	302803
*Prior to sample arrival, Lab notification is required.	

Preservative
1 HCL, 2 NaOH; 3 HNO_3
4 H_2SO_4, 5= MeOH; 6 Other

SAMPLE INFORMATION

ANALYTICAL PARAMETERS / PRESERVATIVES

Sample ID	Sample Depth (in Feet)	Sampling Date	Sampling Time	Matrix	# of Containers	Metals (200 8) Cu (1 2 3 / 4 5 6)	Metals (200 8) Pb (1 2 3 / 4 5 6)												
E24-01424-001 CDS-042324-7		4/23/24	07 10	Drinking Water	1	Run	Run											-1	
E24-01424-002 CDS-042324-8		4/23/24	07·13	Drinking Water	1	Run	Run											-2	
E24-01424-003 CDS-042324-9		4/23/24	07·17	Drinking Water	1	Run	Run											-3	

460-302803 Chain of Custody

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

COOLER TEMP °C

Concentrations Expected LOW MED HIGH

Known Hazard. yes no
Describe:

Note: 2 WEEK TAT

EMAIL CONFIRMATION REQUIRED

1.6/20°C Iff9

CUSTODY LOG

Signature/Company	Date	Time	Signature/Company
Relinquished by:	4/24/2024	8 00 AM	Received by: 4/24/24 0840
Relinquished by:		8 01 AM	Received by: 4/24/24
Relinquished by:			Received by:

Lab Case #

PAGE: OF

COC (001-003)

REV Feb 2013

Page 53 of 55

05/06/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 302803

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.6 °C	2.0 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
1				<2											
2				<2											
3				<2											

If pH adjustments are required record the information below:

Sample No(s). adjusted. _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s) _____ Expiration Date _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

**Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: [illegible] Date: 4/24/24

EDS-WI-038, Rev 4.1
10/22/2019

Login Sample Receipt Checklist

Client: Integrated Analytical Laboratories LLC

Job Number: 460-302803-1

Login Number: 302803

List Source: Eurofins Edison

List Number: 1

Creator: Lysy, Susan

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	