

ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Naina Kumar
Bright Seedlings Early Learning Center
150 Hudson Street
Hackensack, New Jersey 07601

Generated 5/17/2024 10:27:54 AM

JOB DESCRIPTION

Bright Seedlings

JOB NUMBER

460-303289-1

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



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Authorized for release by
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Case Narrative

Client: Bright Seedlings Early Learning Center
Project: Bright Seedlings

Job ID: 460-303289-1

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Eurofins Edison

Job Narrative 460-303289-1

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 5/2/2024 4:00 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)

Samples 1. DRINKING (460-303289-1), 2. CHILD BATHROOM (460-303289-2), 3. TULIPS ROOM (460-303289-3) and 4. KITCHEN (460-303289-4) were analyzed for Metals (ICP/MS). The samples were prepared and analyzed on 5/16/2024.

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Sample Summary

Client: Bright Seedlings Early Learning Center
Project/Site: Bright Seedlings

Job ID: 460-303289-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-303289-1	1. DRINKING	Water	05/02/24 08:30	05/02/24 16:00
460-303289-2	2. CHILD BATHROOM	Water	05/02/24 08:30	05/02/24 16:00
460-303289-3	3. TULIPS ROOM	Water	05/02/24 08:30	05/02/24 16:00
460-303289-4	4. KITCHEN	Water	05/02/24 08:30	05/02/24 16:00

Client Sample Results

Client: Bright Seedlings Early Learning Center
Project/Site: Bright Seedlings

Job ID: 460-303289-1

Client Sample ID: 1. DRINKING

Date Collected: 05/02/24 08:30

Date Received: 05/02/24 16:00

Lab Sample ID: 460-303289-1

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Copper	1.9	J	2.5	1.7	ug/L		05/16/24 18:42	1	DLE
Lead	0.25	U	2.0	0.25	ug/L		05/16/24 18:42	1	DLE

Client Sample ID: 2. CHILD BATHROOM

Date Collected: 05/02/24 08:30

Date Received: 05/02/24 16:00

Lab Sample ID: 460-303289-2

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Copper	2.3	J	2.5	1.7	ug/L		05/16/24 18:45	1	DLE
Lead	0.25	U	2.0	0.25	ug/L		05/16/24 18:45	1	DLE

Client Sample ID: 3. TULIPS ROOM

Date Collected: 05/02/24 08:30

Date Received: 05/02/24 16:00

Lab Sample ID: 460-303289-3

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Copper	1.7	J	2.5	1.7	ug/L		05/16/24 18:50	1	DLE
Lead	0.25	U	2.0	0.25	ug/L		05/16/24 18:50	1	DLE

Client Sample ID: 4. KITCHEN

Date Collected: 05/02/24 08:30

Date Received: 05/02/24 16:00

Lab Sample ID: 460-303289-4

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Copper	5.5		2.5	1.7	ug/L		05/16/24 18:51	1	DLE
Lead	0.25	U	2.0	0.25	ug/L		05/16/24 18:51	1	DLE

Accreditation/Certification and Definitions Summary

Client: Bright Seedlings Early Learning Center
Project/Site: Bright Seedlings

Job ID: 460-303289-1

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

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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
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
MRL	Method Reporting 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
SDL	Sample Detection Limit
SDL	Sample Detection Limit
SDL	Sample Detection Limit
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Accreditation/Certification and Definitions Summary

Client: Bright Seedlings Early Learning Center
Project/Site: Bright Seedlings

Job ID: 460-303289-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

- 1
- 2
- 3
- 4
- 5
- 6
- 7

Method Summary

Client: Bright Seedlings Early Learning Center
Project/Site: Bright Seedlings

Job ID: 460-303289-1

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



Chain of Custody Record

Client Information		Sampler		Lab PM: Jill K		COC No: 460-181388-118740 1							
Client Contact: Mrs. Naina Kumar		Phone:		E-Mail: Jill.Miller@eurofins.com		Page: 1 of 1							
Company: Bright Seedlings Early Learning Center		Address: 150 Hudson Street		City: Hackensack		State: NJ 07601							
Phone: 201-250-8880(Tel)		PO #: Advance Payment Required		WO #:		Project #: 46043536							
Email: brightseedlingsllc@gmail.com		SSOW#:		Due Date Requested:		TAT Requested (days):							
Bright Seedlings		Site:		Compliance Project: ☐ Yes ☐ No		Preservation Codes: D HNO3							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Preservation Code	Matrix (W=water, S=solid, O=soil, T=tissue, A=air)	Field Filled Sample (Yes or No)	Parent MS/MSD (Yes or No)	200.8 Copper & Lead	Analysis Requested		Special Instructions/Note:	
1 DRINKING	5/2/24	8:30am	G	Water			X						
2 CHILD BATHROOM	5/2/24	8:30am	G	Water			X						
3 TULIPS ROOM	5/2/24	8:30am	G	Water			X						
4 KITCHEN	5/2/24	8:30am	G	Water			X						
Possible Hazard Identification		☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		Deliverable Requested: I, II, III, IV Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months		Special Instructions/Note:		Total Number of containers	
Empty Kit Relinquished by: A.Park		Date/Time: 5/2/24		Date: 5/2/24		Relinquished by: [Signature]		Date/Time: 5/2/24		Company: CBT		Date/Time: 5/2/24	
Relinquished by: [Signature]		Date/Time: 5/2/24		Date: 5/2/24		Relinquished by: [Signature]		Date/Time: 5/2/24		Company: CBT		Date/Time: 5/2/24	
Relinquished by: [Signature]		Date/Time: 5/2/24		Date: 5/2/24		Relinquished by: [Signature]		Date/Time: 5/2/24		Company: CBT		Date/Time: 5/2/24	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No. A10 CS		Cooler Temperature(s) °C and Other Remarks: 1.1/1.5		Cooler Temperature(s) °C and Other Remarks: 1.1/1.5		Cooler Temperature(s) °C and Other Remarks: 1.1/1.5		Cooler Temperature(s) °C and Other Remarks: 1.1/1.5		Cooler Temperature(s) °C and Other Remarks: 1.1/1.5	

682503

Job Number-

Number of Coolers:

IR Gun #

Cooler Temperatures

RAW		CORRECTED		RAW		CORRECTED		
Cooler #1:	7.1	6.5	°C	Cooler #4:	°C	°C	Cooler #7:	°C
Cooler #2:	°C	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C
Cooler #3:	°C	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C

[illegible]

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.