



Built Environment Testing

iATL

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Kingsway Learning Center
1000 Voorhees Drive
Voorhees NJ 08043

Report Date: 9/12/2024
Report No.: 704167 - Lead Water
Project:
Project No.:

Client: KIN100

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7784754 Location: Room 105 Sink Result(ppb): <1.00
Client No.: 1 * Sample acidified to pH <2.

Lab No.: 7784755 Location: Room 108 Sink Result(ppb): 1.60
Client No.: 2 * Sample acidified to pH <2.

Lab No.: 7784756 Location: Room 109 Sink Result(ppb): 1.00
Client No.: 3 * Sample acidified to pH <2.

Lab No.: 7784757 Location: Room 110 Sink 1 Result(ppb): 3.10
Client No.: 4 * Sample acidified to pH <2.

Lab No.: 7784758 Location: Room 110 Sink 2 Result(ppb): <1.00
Client No.: 5 * Sample acidified to pH <2.

Lab No.: 7784759 Location: Room 117 Sink Result(ppb): 32.0
Client No.: 6 * Sample acidified to pH <2.


Lab No.: 7784760 Location: AAA Bathroom Sink Result(ppb): <1.00
Client No.: 7 * Sample acidified to pH <2.


Lab No.: 7784761 Location: Snack Shack Sink Result(ppb): <1.00
Client No.: 8 * Sample acidified to pH <2.

Lab No.: 7784762 Location: Admin Kitchen Sink Result(ppb): <1.00
Client No.: 9 * Sample acidified to pH <2.

Lab No.: 7784763 Location: Kitchen Sink Result(ppb): <1.00
Client No.: 10 * Sample acidified to pH <2.

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 8/28/2024
Date Analyzed: 09/12/2024
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director



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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7784764 Location: Secondary Single Bath Sink Result(ppb): <1.00
Client No.: 11 * Sample acidified to pH <2.

Lab No.: 7784765 Location: Room 432 Sink Result(ppb): <1.00
Client No.: 12 * Sample acidified to pH <2.

Lab No.: 7784766 Location: 105 Boys Bath 1 Sink Result(ppb): <1.00
Client No.: 13 * Sample acidified to pH <2.

Lab No.: 7784767 Location: 105 Boys Bath 2 Sink Result(ppb): <1.00
Client No.: 14 * Sample acidified to pH <2.

Lab No.: 7784768 Location: 105 Boys Bath 3 Sink Result(ppb): <1.00
Client No.: 15 * Sample acidified to pH <2.

Lab No.: 7784769 Location: 105 Girls Bath 1 Sink Result(ppb): <1.00
Client No.: 16 * Sample acidified to pH <2.

Lab No.: 7784770 Location: 105 Girls Bath 2 Sink Result(ppb): <1.00
Client No.: 17 * Sample acidified to pH <2.

Lab No.: 7784771 Location: 105 Girls Bath 3 Sink Result(ppb): <1.00
Client No.: 18 * Sample acidified to pH <2.

Lab No.: 7784772 Location: Admin Boys Bath 1 Sink Result(ppb): <1.00
Client No.: 19 * Sample acidified to pH <2.

Lab No.: 7784773 Location: Admin Boys Bath 2 Sink Result(ppb): 1.00
Client No.: 20 * Sample acidified to pH <2.

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7784774 Location: Admin Boys Bath 3 Sink Result(ppb): <1.00
Client No.: 21 * Sample acidified to pH <2.

Lab No.: 7784775 Location: Admin Boys Bath 4 Sink Result(ppb): <1.00
Client No.: 22 * Sample acidified to pH <2.

Lab No.: 7784776 Location: Admin Girls Bath 1 Sink Result(ppb): 1.20
Client No.: 23 * Sample acidified to pH <2.

Lab No.: 7784777 Location: Admin Girls Bath 2 Sink Result(ppb): 1.60
Client No.: 24 * Sample acidified to pH <2.

Lab No.: 7784778 Location: Admin Girls Bath 3 Sink Result(ppb): <1.00
Client No.: 25 * Sample acidified to pH <2.

Lab No.: 7784779 Location: Admin Girls Bath 4 Sink Result(ppb): <1.00
Client No.: 26 * Sample acidified to pH <2.

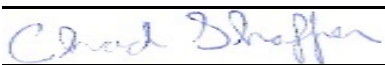
Lab No.: 7784780 Location: Jr. High Boys 1 Sink Result(ppb): <1.00
Client No.: 27 * Sample acidified to pH <2.


Lab No.: 7784781 Location: Jr. High Boys 2 Sink Result(ppb): <1.00
Client No.: 28 * Sample acidified to pH <2.

Lab No.: 7784782 Location: Jr. High Boys 3 Sink Result(ppb): <1.00
Client No.: 29 * Sample acidified to pH <2.

Lab No.: 7784783 Location: Jr. High Boys 4 Sink Result(ppb): <1.00
Client No.: 30 * Sample acidified to pH <2.

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7784784 Location: Jr. High Boys 5 Sink Result(ppb): <1.00
Client No.: 31 * Sample acidified to pH <2.

Lab No.: 7784785 Location: Jr. High Boys 6 Sink Result(ppb): <1.00
Client No.: 32 * Sample acidified to pH <2.

Lab No.: 7784786 Location: Jr. High Girls 1 Sink Result(ppb): 2.70
Client No.: 33 * Sample acidified to pH <2.

Lab No.: 7784787 Location: Jr. High Girls 2 Sink Result(ppb): <1.00
Client No.: 34 * Sample acidified to pH <2.

Lab No.: 7784788 Location: Jr. High Girls 3 Sink Result(ppb): <1.00
Client No.: 35 * Sample acidified to pH <2.

Lab No.: 7784789 Location: Jr. High Girls 4 Sink Result(ppb): <1.00
Client No.: 36 * Sample acidified to pH <2.

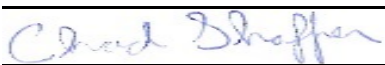
Lab No.: 7784790 Location: Jr. High Girls 5 Sink Result(ppb): <1.00
Client No.: 37 * Sample acidified to pH <2.


Lab No.: 7784791 Location: Jr. High Girls 6 Sink Result(ppb): <1.00
Client No.: 38 * Sample acidified to pH <2.

Lab No.: 7784792 Location: Secondary Boys 1 Sink Result(ppb): <1.00
Client No.: 39 * Sample acidified to pH <2.

Lab No.: 7784793 Location: Secondary Boys 2 Sink Result(ppb): <1.00
Client No.: 40 * Sample acidified to pH <2.

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7784794 Location: Secondary Boys 3 Sink Result(ppb): <1.00
Client No.: 41 * Sample acidified to pH <2.

Lab No.: 7784795 Location: Secondary Boys 4 Sink Result(ppb): <1.00
Client No.: 42 * Sample acidified to pH <2.

Lab No.: 7784796 Location: Secondary Boys 5 Sink Result(ppb): <1.00
Client No.: 43 * Sample acidified to pH <2.

Lab No.: 7784797 Location: Secondary Boys 6 Sink Result(ppb): <1.00
Client No.: 44 * Sample acidified to pH <2.

Lab No.: 7784798 Location: Secondary Girls 1 Sink Result(ppb): <1.00
Client No.: 45 * Sample acidified to pH <2.

Lab No.: 7784799 Location: Secondary Girls 2 Sink Result(ppb): <1.00
Client No.: 46 * Sample acidified to pH <2.

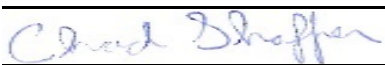
Lab No.: 7784800 Location: Secondary Girls 3 Sink Result(ppb): <1.00
Client No.: 47 * Sample acidified to pH <2.


Lab No.: 7784801 Location: Secondary Girls 4 Sink Result(ppb): <1.00
Client No.: 48 * Sample acidified to pH <2.

Lab No.: 7784802 Location: Secondary Girls 5 Sink Result(ppb): <1.00
Client No.: 49 * Sample acidified to pH <2.

Lab No.: 7784803 Location: Secondary Girls 6 Sink Result(ppb): 1.20
Client No.: 50 * Sample acidified to pH <2.

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Appendix to Analytical Report:

Customer Contact: David Shahriari
Analysis: AAS-GF - ASTM D3559-15D

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: ?wchampion@iatl.com
iATL Account Representative: Kelly Klippel
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Water
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by AAS Graphite Furnace:

- ASTM D3559-15D

Certification:

- NYS-DOH No. 11021

- NJDEP No. 03863

Note: These methods are analytically equivalent to iATL's accredited method;

- USEPA 40CFR 141.11B

- USEPA 200.9 Pb, AAS-GF, RL <2 ppb/sample

- USEPA SW 846-7421 - Pb(AAS-GF, RL <2 ppb/sample)

Regulatory limit for lead in drinking water is 15.0 parts per billion as cited in EPA 40 CFR 141.11 National Primary Drinking Water Regulations, Subpart B: Maximum contaminant levels for inorganic chemicals.

All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Sample results are not corrected for contamination by field or analytical blanks.

PPB = Parts per billion. 1 µg/L = 1 ppb MDL = 0.24 PPB Reporting Limit (RL) = 1.0 PPB



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Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at customerservice@iatl.com.

Matrix spiking is performed on each client batch to determine if interferences could impact results. When spike recoveries fall out of acceptable range matrix interference is suspected and samples are diluted until acceptable spike recovery can be achieved. Reporting limits will increase by the same degree as the dilution required.

Note: Sample dilution required due to matrix interference.

Water Sample Turbidity greater than 1.0 NTU does not meet Federal and NJ State Primary & Secondary Drinking Water Standards.

* ASTM D3559 (D) calls for the addition of acid at the time of sampling. Unless so noted on the chain of custody by the client iATL acidifies samples to a pH of <2 at least 24 hours prior to analysis.