

CERTIFICATE OF ANALYSIS

Client: CYO of Mercer County 920 South Broad St Trenton NJ 08611	Report Date: 12/18/2023 Report No.: 693579 - Lead Water Project: Lead & Copper in Water Testing Project No.:
Client: CYO920	

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7704771 Client No.: 1	Location: Water Fountain * Sample acidified to pH <2.	Result(ppb):<1.00
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Lab No.:7704772 Client No.:2	Location: Boys Lobby Bathroom * Sample acidified to pH <2.	Result(ppb):<1.00
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Lab No.:7704773 Client No.:3	Location: Kitchen * Sample acidified to pH <2.	Result(ppb):4.00
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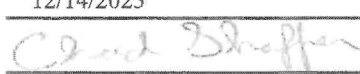
Lab No.:7704774 Client No.:4	Location: Girls Lobby Bathroom * Sample acidified to pH <2.	Result(ppb):<1.00
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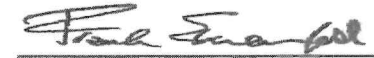
Lab No.:7704775 Client No.:5	Location: Classroom #1 * Sample acidified to pH <2.	Result(ppb):<1.00
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Lab No.:7704776 Client No.:6	Location: Classroom #2 * Sample acidified to pH <2.	Result(ppb):<1.00
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Lab No.:7704777 Client No.:7	Location: Classroom #5 * Sample acidified to pH <2.	Result(ppb):1.90
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Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 12/12/2023
Date Analyzed: 12/14/2023
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: CYO of Mercer County
920 South Broad St
Trenton NJ 08611

Client: CYO920

Report Date: 12/18/2023
Report No.: 693579 - Lead Water
Project: Lead & Copper in Water Testing
Project No.:

Appendix to Analytical Report:

Customer Contact: John Soss
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: House Account
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

CERTIFICATE OF ANALYSIS

Client: CYO of Mercer County
920 South Broad St
Trenton NJ 08611

Report Date: 12/18/2023
Report No.: 693579 - Lead Water
Project: Lead & Copper in Water Testing
Project No.:

Client: CYO920

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.

CERTIFICATE OF ANALYSIS

Client: CYO of Mercer County
920 South Broad St
Trenton NJ 08611

Report Date: 12/18/2023
Report No.: 693579 - Copper Water
Project: Lead & Copper in Water Testing
Project No.:

Client: CYO920

COPPER WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7704771 Location: Water Fountain Result(ppb): <100
Client No.: 1 * Sample acidified to pH <2.

Lab No.: 7704772 Location: Boys Lobby Bathroom Result(ppb): <100
Client No.: 2 * Sample acidified to pH <2.

Lab No.: 7704773 Location: Kitchen Result(ppb): <100
Client No.: 3 * Sample acidified to pH <2.


Lab No.: 7704774 Location: Girls Lobby Bathroom Result(ppb): 104
Client No.: 4 * Sample acidified to pH <2.


Lab No.: 7704775 Location: Classroom #1 Result(ppb): 121
Client No.: 5 * Sample acidified to pH <2.

Lab No.: 7704776 Location: Classroom #2 Result(ppb): <100
Client No.: 6 * Sample acidified to pH <2.

Lab No.: 7704777 Location: Classroom #5 Result(ppb): <100
Client No.: 7 * Sample acidified to pH <2.

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

Date Received: 12/12/2023
Date Analyzed: 12/18/2023
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: CYO of Mercer County
920 South Broad St
Trenton NJ 08611

Report Date: 12/18/2023
Report No.: 693579 - Copper Water
Project: Lead & Copper in Water Testing
Project No.:

Client: CYO920

Appendix to Analytical Report:

Customer Contact: John Soss
Analysis: AAS-FL- ASTM D1688-17(A)

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.

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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.

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Information Pertinent to this Report:

Analysis by AAS Graphite Furnace:

- ASTM D1688-17(A)

Accreditations:

- NYS-DOH No. 11021

- NJDEP No. 03863

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

- USEPA 200.9 Cu, AAS-FL, RL <100 ppb/sample

Regulatory limit for copper in drinking water is 1300 parts per billion (or 1.3 ppm) as cited in EPA 40 CFR 141.11 National Primary Drinking Water Regulations, Subpart B: Maximum contaminant levels for inorganic chemicals.

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

PPB = Parts per billion. 1 µg/L = 1 ppb MDL = 20 PPB Reporting Limit (RL) <100 PPB

Disclaimers / Qualifiers:

Dated : 12/19/2023 9:17:28

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

CERTIFICATE OF ANALYSIS

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920 South Broad St
Trenton NJ 08611

Report Date: 12/18/2023
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