

CERTIFICATE OF ANALYSIS

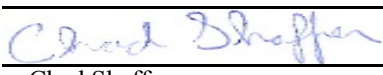
Client: Health & Safety Services, Inc  
PO Box 365  
Berlin NJ 08009  
  
Client: HEA198


Report Date: 12/3/2019  
Report No.: 605250 - Lead Water  
Project: Inquiry/Belmont  
Project No.: 19-1126-10

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6927619 Client No.:1	Location:Gym fountain * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6927620 Client No.:2	Location:1st Cafe Employee Wash * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6927621 Client No.:3	Location:1st Cafe RR1 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6927622 Client No.:4	Location:1st Cafe RR1 Fountain * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6927623 Client No.:5	Location:1st Cafe RR2 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6927624 Client No.:6	Location:1st Cafe RR2 Fountain * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6927625 Client No.:7	Location:1st Cafe Child Wash 1 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6927626 Client No.:8	Location:1st Cafe Child Wash 2 * Sample acidified to pH <2.	Result(ppb):2.50
Lab No.:6927627 Client No.:9	Location:1st Cafe Kitchen Prep * Sample acidified to pH <2.	Result(ppb):1.00
Lab No.:6927628 Client No.:10	Location:1st Cafe water Ice Machine * Sample acidified to pH <2.	Result(ppb):<1.00

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

Date Received: 11/27/2019  
Date Analyzed: 12/03/2019  
Signature:   
Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

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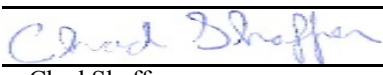
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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6927629 Client No.:11	Location:HR Adult RR * Sample acidified to pH <2.	Result(ppb):8.60
Lab No.:6927630 Client No.:12	Location:HR Office Fountain * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6927631 Client No.:13	Location:HR Office RR * Sample acidified to pH <2.	Result(ppb):9.50
Lab No.:6927632 Client No.:14	Location:1st Floor Hall Fountain * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6927633 Client No.:15	Location:1st Floor South Adult RR * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6927634 Client No.:16	Location:1st Floor North Adult RR * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6927635 Client No.:17	Location:1st Floor Room 104 RR * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6927636 Client No.:18	Location:1st Floor M-Staff * Sample acidified to pH <2.	Result(ppb):9.10
Lab No.:6927637 Client No.:19	Location:1st Floor F-Staff * Sample acidified to pH <2.	Result(ppb):6.10
Lab No.:6927638 Client No.:20	Location:1st Floor Boy's RR * Sample acidified to pH <2.	Result(ppb):11.1

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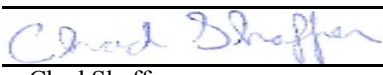
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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6927639 Client No.:21	Location:1st Floor Girl's RR * Sample acidified to pH <2.	Result(ppb):3.50
Lab No.:6927640 Client No.:22	Location:1st Floor Hall Fountain * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6927641 Client No.:23	Location:1st Floor Room 106 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6927642 Client No.:24	Location:1st Floor Room 108 Sink * Sample acidified to pH <2.	Result(ppb):12.3
Lab No.:6927643 Client No.:25	Location:1st Floor Room 110 Sink * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6927644 Client No.:26	Location:1st Floor Room 110 Restroom * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6927645 Client No.:27	Location:2nd Floor Adult 1 * Sample acidified to pH <2.	Result(ppb):4.50
Lab No.:6927646 Client No.:28	Location:2nd Floor Adult 2 * Sample acidified to pH <2.	Result(ppb):13.5
Lab No.:6927647 Client No.:29	Location:2nd Floor Boy's RR * Sample acidified to pH <2.	Result(ppb):4.10
Lab No.:6927648 Client No.:30	Location:2nd Floor Girl's RR * Sample acidified to pH <2.	Result(ppb):16.4

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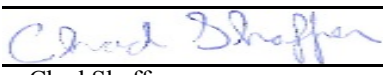
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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6927649 Client No.:31	Location:2nd Floor Hall Fountain * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6927650 Client No.:32	Location:2nd Floor Room 205 Sink * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6927651 Client No.:33	Location:3rd Floor GN1 * Sample acidified to pH <2.	Result(ppb):4.10
Lab No.:6927652 Client No.:34	Location:3rd Floor GN2 * Sample acidified to pH <2.	Result(ppb):3.60
Lab No.:6927653 Client No.:35	Location:3rd Floor Boy's * Sample acidified to pH <2.	Result(ppb):5.70
Lab No.:6927654 Client No.:36	Location:3rd Floor Girl's * Sample acidified to pH <2.	Result(ppb):1.60
Lab No.:6927655 Client No.:37	Location:3rd Floor Hall Fountain * Sample acidified to pH <2.	Result(ppb):1.80
Lab No.:6927656 Client No.:38	Location:3rd Floor 307 Sink * Sample acidified to pH <2.	Result(ppb):1.20
Lab No.:6927657 Client No.:39	Location:3rd Floor Gym Fountain * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:6927658 Client No.:40	Location:Cafe Employee RR * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6927659                      Location:Cafe RR1                      Result(ppb):Sample Not Analyzed  
Client No.:41                      \* Sample acidified to pH <2.

Lab No.:6927660                      Location:Cafe RR Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:42                      \* Sample acidified to pH <2.

Lab No.:6927661                      Location:Cafe RR2                      Result(ppb):Sample Not Analyzed  
Client No.:43                      \* Sample acidified to pH <2.

Lab No.:6927662                      Location:Cafe RR2 Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:44                      \* Sample acidified to pH <2.

Lab No.:6927663                      Location:Cafe Child Wash 1                      Result(ppb):Sample Not Analyzed  
Client No.:45                      \* Sample acidified to pH <2.

Lab No.:6927664                      Location:Cafe Child Wash 2                      Result(ppb):Sample Not Analyzed  
Client No.:46                      \* Sample acidified to pH <2.


Lab No.:6927665                      Location:Cafe Kitchen Prep                      Result(ppb):Sample Not Analyzed  
Client No.:47                      \* Sample acidified to pH <2.


Lab No.:6927666                      Location:Cafe Kitchen Ice Machine                      Result(ppb):Sample Not Analyzed  
Client No.:48                      \* Sample acidified to pH <2.

Lab No.:6927667                      Location:HR Adult RR                      Result(ppb):Sample Not Analyzed  
Client No.:49                      \* Sample acidified to pH <2.

Lab No.:6927668                      Location:HR Office Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:50                      \* Sample acidified to pH <2.

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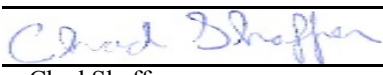
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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6927669 Client No.:51	Location:HR Office RR * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:6927670 Client No.:52	Location:1st Floor Hall Fountain * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:6927671 Client No.:53	Location:1st Floor South Adult RR * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:6927672 Client No.:54	Location:1st Floor North Adult RR * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:6927673 Client No.:55	Location:1st Floor Room 104 RR * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:6927674 Client No.:56	Location:1st Floor M-Staff * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:6927675 Client No.:57	Location:1st Floor F-Staff * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed

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LEAD WATER SAMPLE ANALYSIS SUMMARY

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**Lab No.:**6927676  
**Client No.:**58

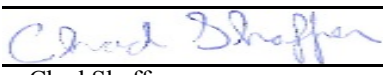
**Location:** 1st Floor Boy's  
\* Sample acidified to pH <2.


**Result(ppb):**7.20

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LEAD WATER SAMPLE ANALYSIS SUMMARY

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Lab No.:6927677  
Client No.:59

Location: 1st Floor Girl's  
\* Sample acidified to pH <2.

Result(ppb): Sample Not Analyzed

Lab No.:6927678  
Client No.:60

Location: 1st Floor Hall Fountain  
\* Sample acidified to pH <2.

Result(ppb): Sample Not Analyzed

Lab No.:6927679  
Client No.:61


Location: 1st Floor Room 106  
\* Sample acidified to pH <2.

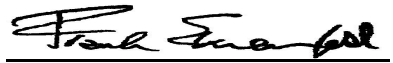
Result(ppb): Sample Not Analyzed

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LEAD WATER SAMPLE ANALYSIS SUMMARY

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Lab No.:6927680  
Client No.:62

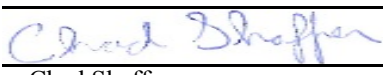
Location:1st Floor Room 108 Sink  
\* Sample acidified to pH <2.


Result(ppb):<1.00

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LEAD WATER SAMPLE ANALYSIS SUMMARY

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Lab No.:6927681  
Client No.:63

Location:1st Floor Room 110 Sink  
\* Sample acidified to pH <2.

Result(ppb):Sample Not Analyzed

Lab No.:6927682  
Client No.:64

Location:1st Floor Room 110 RR  
\* Sample acidified to pH <2.

Result(ppb):Sample Not Analyzed

Lab No.:6927683  
Client No.:65

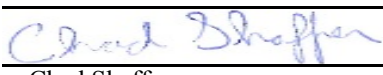
Location:2nd Floor Adult 1  
\* Sample acidified to pH <2.


Result(ppb):Sample Not Analyzed

---

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LEAD WATER SAMPLE ANALYSIS SUMMARY

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Lab No.:6927684  
Client No.:66

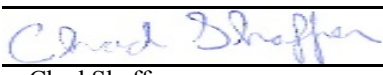
Location:2nd Floor Adult 2  
\* Sample acidified to pH <2.


Result(ppb):27.4

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LEAD WATER SAMPLE ANALYSIS SUMMARY

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**Lab No.:**6927685  
**Client No.:**67

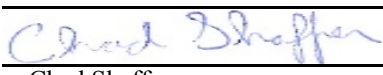
**Location:**2nd Floor Boy's RR  
\* Sample acidified to pH <2.


**Result(ppb):**Sample Not Analyzed

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LEAD WATER SAMPLE ANALYSIS SUMMARY

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Lab No.:6927686  
Client No.:68

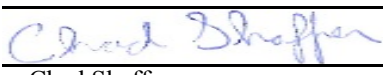
Location:2nd Floor Girl's RR  
\* Sample acidified to pH <2.


Result(ppb):32.6

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**Lab No.:**6927687                      **Location:**2nd Floor Hall Fountain                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**69                      \* Sample acidified to pH <2.

**Lab No.:**6927688                      **Location:**2nd Floor Room 205                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**70                      \* Sample acidified to pH <2.

**Lab No.:**6927689                      **Location:**3rd Floor GN 1                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**71                      \* Sample acidified to pH <2.

**Lab No.:**6927690                      **Location:**3rd Floor GN 2                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**72                      \* Sample acidified to pH <2.

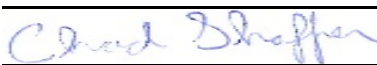
**Lab No.:**6927691                      **Location:**3rd Floor Boy's                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**73                      \* Sample acidified to pH <2.


**Lab No.:**6927692                      **Location:**3rd Floor Girl's                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**74                      \* Sample acidified to pH <2.

**Lab No.:**6927693                      **Location:**3rd Floor Hall Fountain                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**75                      \* Sample acidified to pH <2.

**Lab No.:**6927694                      **Location:**3rd Floor Room 307                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**76                      \* Sample acidified to pH <2.

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## Appendix to Analytical Report:

**Customer Contact:** Jim Proctor  
**Analysis:** AAS-GF - ASTM D3559-08D

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](http://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 D3559-08D

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](mailto: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: Health & Safety Services, Inc  
PO Box 365  
Berlin NJ 08009  
  
Client: HEA198


Report Date: 12/3/2019  
Report No.: 605250 - Copper Water  
Project: Inquiry/Belmont  
Project No.: 19-1126-10

COPPER WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6927619 Client No.:1	Location:Gym fountain * Sample acidified to pH <2.	Result(ppb):680
Lab No.:6927620 Client No.:2	Location:1st Cafe Employee Wash * Sample acidified to pH <2.	Result(ppb):1250
Lab No.:6927621 Client No.:3	Location:1st Cafe RR1 * Sample acidified to pH <2.	Result(ppb):399
Lab No.:6927622 Client No.:4	Location:1st Cafe RR1 Fountain * Sample acidified to pH <2.	Result(ppb):804
Lab No.:6927623 Client No.:5	Location:1st Cafe RR2 * Sample acidified to pH <2.	Result(ppb):816
Lab No.:6927624 Client No.:6	Location:1st Cafe RR2 Fountain * Sample acidified to pH <2.	Result(ppb):593
Lab No.:6927625 Client No.:7	Location:1st Cafe Child Wash 1 * Sample acidified to pH <2.	Result(ppb):759
Lab No.:6927626 Client No.:8	Location:1st Cafe Child Wash 2 * Sample acidified to pH <2.	Result(ppb):811
Lab No.:6927627 Client No.:9	Location:1st Cafe Kitchen Prep * Sample acidified to pH <2.	Result(ppb):569
Lab No.:6927628 Client No.:10	Location:1st Cafe water Ice Machine * Sample acidified to pH <2.	Result(ppb):<50.0

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

Date Received: 11/27/2019  
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Signature:   
Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

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COPPER WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6927629 Client No.:11	Location:HR Adult RR * Sample acidified to pH <2.	Result(ppb):356
Lab No.:6927630 Client No.:12	Location:HR Office Fountain * Sample acidified to pH <2.	Result(ppb):<50.0
Lab No.:6927631 Client No.:13	Location:HR Office RR * Sample acidified to pH <2.	Result(ppb):377
Lab No.:6927632 Client No.:14	Location:1st Floor Hall Fountain * Sample acidified to pH <2.	Result(ppb):246
Lab No.:6927633 Client No.:15	Location:1st Floor South Adult RR * Sample acidified to pH <2.	Result(ppb):778
Lab No.:6927634 Client No.:16	Location:1st Floor North Adult RR * Sample acidified to pH <2.	Result(ppb):791
Lab No.:6927635 Client No.:17	Location:1st Floor Room 104 RR * Sample acidified to pH <2.	Result(ppb):427
Lab No.:6927636 Client No.:18	Location:1st Floor M-Staff * Sample acidified to pH <2.	Result(ppb):453
Lab No.:6927637 Client No.:19	Location:1st Floor F-Staff * Sample acidified to pH <2.	Result(ppb):541
Lab No.:6927638 Client No.:20	Location:1st Floor Boy's RR * Sample acidified to pH <2.	Result(ppb):580

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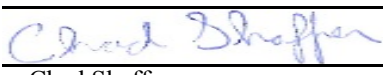
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COPPER WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6927639 Client No.:21	Location:1st Floor Girl's RR * Sample acidified to pH <2.	Result(ppb):401
Lab No.:6927640 Client No.:22	Location:1st Floor Hall Fountain * Sample acidified to pH <2.	Result(ppb):1150
Lab No.:6927641 Client No.:23	Location:1st Floor Room 106 * Sample acidified to pH <2.	Result(ppb):328
Lab No.:6927642 Client No.:24	Location:1st Floor Room 108 Sink * Sample acidified to pH <2.	Result(ppb):504
Lab No.:6927643 Client No.:25	Location:1st Floor Room 110 Sink * Sample acidified to pH <2.	Result(ppb):297
Lab No.:6927644 Client No.:26	Location:1st Floor Room 110 Restroom * Sample acidified to pH <2.	Result(ppb):247
Lab No.:6927645 Client No.:27	Location:2nd Floor Adult 1 * Sample acidified to pH <2.	Result(ppb):410
Lab No.:6927646 Client No.:28	Location:2nd Floor Adult 2 * Sample acidified to pH <2.	Result(ppb):1030
Lab No.:6927647 Client No.:29	Location:2nd Floor Boy's RR * Sample acidified to pH <2.	Result(ppb):375
Lab No.:6927648 Client No.:30	Location:2nd Floor Girl's RR * Sample acidified to pH <2.	Result(ppb):368

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COPPER WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6927649 Client No.:31	Location:2nd Floor Hall Fountain * Sample acidified to pH <2.	Result(ppb):420
Lab No.:6927650 Client No.:32	Location:2nd Floor Room 205 Sink * Sample acidified to pH <2.	Result(ppb):133
Lab No.:6927651 Client No.:33	Location:3rd Floor GN1 * Sample acidified to pH <2.	Result(ppb):441
Lab No.:6927652 Client No.:34	Location:3rd Floor GN2 * Sample acidified to pH <2.	Result(ppb):790
Lab No.:6927653 Client No.:35	Location:3rd Floor Boy's * Sample acidified to pH <2.	Result(ppb):405
Lab No.:6927654 Client No.:36	Location:3rd Floor Girl's * Sample acidified to pH <2.	Result(ppb):413
Lab No.:6927655 Client No.:37	Location:3rd Floor Hall Fountain * Sample acidified to pH <2.	Result(ppb):540
Lab No.:6927656 Client No.:38	Location:3rd Floor 307 Sink * Sample acidified to pH <2.	Result(ppb):761
Lab No.:6927657 Client No.:39	Location:3rd Floor Gym Fountain * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:6927658 Client No.:40	Location:Cafe Employee RR * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed

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COPPER WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6927659                      Location:Cafe RR1                      Result(ppb):Sample Not Analyzed  
Client No.:41                      \* Sample acidified to pH <2.

Lab No.:6927660                      Location:Cafe RR Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:42                      \* Sample acidified to pH <2.

Lab No.:6927661                      Location:Cafe RR2                      Result(ppb):Sample Not Analyzed  
Client No.:43                      \* Sample acidified to pH <2.

Lab No.:6927662                      Location:Cafe RR2 Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:44                      \* Sample acidified to pH <2.

Lab No.:6927663                      Location:Cafe Child Wash 1                      Result(ppb):Sample Not Analyzed  
Client No.:45                      \* Sample acidified to pH <2.

Lab No.:6927664                      Location:Cafe Child Wash 2                      Result(ppb):Sample Not Analyzed  
Client No.:46                      \* Sample acidified to pH <2.

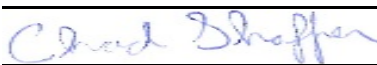
Lab No.:6927665                      Location:Cafe Kitchen Prep                      Result(ppb):Sample Not Analyzed  
Client No.:47                      \* Sample acidified to pH <2.


Lab No.:6927666                      Location:Cafe Kitchen Ice Machine                      Result(ppb):Sample Not Analyzed  
Client No.:48                      \* Sample acidified to pH <2.

Lab No.:6927667                      Location:HR Adult RR                      Result(ppb):Sample Not Analyzed  
Client No.:49                      \* Sample acidified to pH <2.

Lab No.:6927668                      Location:HR Office Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:50                      \* Sample acidified to pH <2.

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COPPER WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6927669                      Location:HR Office RR                      Result(ppb):Sample Not Analyzed  
Client No.:51                      \* Sample acidified to pH <2.

Lab No.:6927670                      Location:1st Floor Hall Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:52                      \* Sample acidified to pH <2.

Lab No.:6927671                      Location:1st Floor South Adult RR                      Result(ppb):Sample Not Analyzed  
Client No.:53                      \* Sample acidified to pH <2.

Lab No.:6927672                      Location:1st Floor North Adult RR                      Result(ppb):Sample Not Analyzed  
Client No.:54                      \* Sample acidified to pH <2.

Lab No.:6927673                      Location:1st Floor Room 104 RR                      Result(ppb):Sample Not Analyzed  
Client No.:55                      \* Sample acidified to pH <2.

Lab No.:6927674                      Location:1st Floor M-Staff                      Result(ppb):Sample Not Analyzed  
Client No.:56                      \* Sample acidified to pH <2.


Lab No.:6927675                      Location:1st Floor F-Staff                      Result(ppb):Sample Not Analyzed  
Client No.:57                      \* Sample acidified to pH <2.


Lab No.:6927676                      Location:1st Floor Boy's                      Result(ppb):Sample Not Analyzed  
Client No.:58                      \* Sample acidified to pH <2.

Lab No.:6927677                      Location:1st Floor Girl's                      Result(ppb):Sample Not Analyzed  
Client No.:59                      \* Sample acidified to pH <2.

Lab No.:6927678                      Location:1st Floor Hall Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:60                      \* Sample acidified to pH <2.

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COPPER WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6927679                      Location:1st Floor Room 106                      Result(ppb):Sample Not Analyzed  
Client No.:61                      \* Sample acidified to pH <2.

Lab No.:6927680                      Location:1st Floor Room 108 Sink                      Result(ppb):Sample Not Analyzed  
Client No.:62                      \* Sample acidified to pH <2.

Lab No.:6927681                      Location:1st Floor Room 110 Sink                      Result(ppb):Sample Not Analyzed  
Client No.:63                      \* Sample acidified to pH <2.

Lab No.:6927682                      Location:1st Floor Room 110 RR                      Result(ppb):Sample Not Analyzed  
Client No.:64                      \* Sample acidified to pH <2.

Lab No.:6927683                      Location:2nd Floor Adult 1                      Result(ppb):Sample Not Analyzed  
Client No.:65                      \* Sample acidified to pH <2.

Lab No.:6927684                      Location:2nd Floor Adult 2                      Result(ppb):Sample Not Analyzed  
Client No.:66                      \* Sample acidified to pH <2.


Lab No.:6927685                      Location:2nd Floor Boy's RR                      Result(ppb):Sample Not Analyzed  
Client No.:67                      \* Sample acidified to pH <2.


Lab No.:6927686                      Location:2nd Floor Girl's RR                      Result(ppb):Sample Not Analyzed  
Client No.:68                      \* Sample acidified to pH <2.

Lab No.:6927687                      Location:2nd Floor Hall Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:69                      \* Sample acidified to pH <2.

Lab No.:6927688                      Location:2nd Floor Room 205                      Result(ppb):Sample Not Analyzed  
Client No.:70                      \* Sample acidified to pH <2.

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COPPER WATER SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b> 6927689 <b>Client No.:</b> 71	<b>Location:</b> 3rd Floor GN 1 * Sample acidified to pH <2.	<b>Result(ppb):</b> Sample Not Analyzed
<b>Lab No.:</b> 6927690 <b>Client No.:</b> 72	<b>Location:</b> 3rd Floor GN 2 * Sample acidified to pH <2.	<b>Result(ppb):</b> Sample Not Analyzed
<b>Lab No.:</b> 6927691 <b>Client No.:</b> 73	<b>Location:</b> 3rd Floor Boy's * Sample acidified to pH <2.	<b>Result(ppb):</b> Sample Not Analyzed
<b>Lab No.:</b> 6927692 <b>Client No.:</b> 74	<b>Location:</b> 3rd Floor Girl's * Sample acidified to pH <2.	<b>Result(ppb):</b> Sample Not Analyzed
<b>Lab No.:</b> 6927693 <b>Client No.:</b> 75	<b>Location:</b> 3rd Floor Hall Fountain * Sample acidified to pH <2.	<b>Result(ppb):</b> Sample Not Analyzed
<b>Lab No.:</b> 6927694 <b>Client No.:</b> 76	<b>Location:</b> 3rd Floor Room 307 * Sample acidified to pH <2.	<b>Result(ppb):</b> Sample Not Analyzed

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## Appendix to Analytical Report:

**Customer Contact:** Jim Proctor  
**Analysis:** AAS-FL- ASTM D1688-12(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.

**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](http://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, impartiality, sample archival and disposal, and data interpretation. See also [www.iatl.com/resources/FAQ](http://www.iatl.com/resources/FAQ)

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, NELAC (TNI), 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 D1688-12(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 <40 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.

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 = 20 PPB Reporting Limit (RL) = 40 PPB

### Disclaimers / Qualifiers:

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CERTIFICATE OF ANALYSIS

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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 D1668-12(A) 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.