

Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: OHCS Inc. Report Date: 2/3/2020

209 Catharine St. Report No.: 608989 - TEM AHERA

Philadelphia PA 19147 Project: Ben Franklin

Project No.:

Approved By:

Frank E. Ehrenfeld, III

Laboratory Director

TEM AIR SAMPLE ANALYSIS SUMMARY

Volume: 1800.0 L **Lab No.:** 6963555

Density (s/mm²): <19.2 Concentration (s/cc): <0.0041 **Client No.:** 010320BEN01 **Location:** Center Of Room 601 **Date Sampled:** 1/3/20 Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Client: OHC164

Volume: 1810.0 L **Lab No.:** 6963556 **Density (s/mm²):** <19.2

Client No.: 010320BEN02 **Location:** Center Of Room 606 Concentration (s/cc): <0.0041 **Date Sampled:** 1/3/20 Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6963557 **Volume:** 1810.0 L **Density (s/mm²):** <19.2

Concentration (s/cc): <0.0041 **Client No.:** 010320BEN03 **Location:** Center Of Room 611 Asbestos Type(s): None Detected **Date Sampled:** 1/3/20

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6963558 **Volume:** 1810.0 L **Density (s/mm²):** <19.2

Client No.: 010320BEN04 **Location:** Center Of Room 612 Concentration (s/cc): <0.0041

Date Sampled: 1/3/20 Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6963559 **Volume:** 1810.0 L **Density (s/mm²):** <19.2

Client No.: 010320BEN05 **Location:** Center Of Room 613 Concentration (s/cc): <0.0041

Date Sampled: 1/3/20 Asbestos Type(s): None Detected Geometric Mean = 0.0041 Structures/cc

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

2/3/2020 Date Received: 02/03/2020 Date Analyzed:

Signature: Craig Liska Analyst:

Dated: 2/4/2020 2:21:13 Page 1 of 3



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: OHCS Inc. Report Date: 2/3/2020

209 Catharine St. Report No.: 608989 - TEM AHERA

Philadelphia PA 19147 Project: Ben Franklin

Project No.:

Client: OHC164

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6963560

Client No.: 010320BEN06

Volume: 1820.0 L

Location: Center Of Room 616

Date Sampled: 1/3/20

Density (s/mm²): <19.2 Concentration (s/cc): <0.0041 Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6963561

Client No.: 010320BEN07

Volume: 1820.0 L

Location: Center Of Room 636

Date Sampled: 1/3/20

Density (s/mm²): <19.2

Concentration (s/cc): <0.0041 Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6963562

Client No.: 010320BEN08

Volume: 1800.0 L

Location: Center Of Room 502

Date Sampled: 1/3/20

Density (s/mm²): <19.2

Concentration (s/cc): <0.0041 Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6963563

Client No.: 010320BEN09

Volume: 1800.0 L

Location: Center Of Room 507

Date Sampled: 1/3/20

Density (s/mm²): <19.2

Concentration (s/cc): <0.0041 Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6963564

Client No.: 010320BEN10

Geometric Mean = 0.0041 Structures/cc

Volume: 1800.0 L

Location: Center Of Room 520

Date Sampled: 1/3/20

Density (s/mm²): <19.2

Concentration (s/cc): <0.0041 Asbestos Type(s): None Detected

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

Date Received:

2/3/2020

Date Analyzed:

Dated: 2/4/2020 2:21:13

02/04/2020

Signature:

Analyst:

Craig Liska

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 2 of 3



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: OHCS Inc. Report Date: 2/3/2020

209 Catharine St. Report No.: 608989 - TEM AHERA

Philadelphia PA 19147 Project: Ben Franklin

Client: OHC164 Project No.:

Appendix to Analytical Report:

Customer Contact: Jerry - Alia Roseman Method: 40 CFR 763 Final Rule

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: Shirley Clark

Sample Matrix: Air Cassettes

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 ir 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 40 CFR 763 Final Rule

Certifications:

- NIST-NVLAP No. 101165-0
- NYSDOH-ELAP No. 11021

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.

Detection Limit (Reporting Limit) is dependent upon the volume of air sampled. AHERA guidelines recommend a minimum of 1200 L (0.0049 s/cc).

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.

Dated: 2/4/2020 2:21:13 Page 3 of 3



Email: customerservice@iatl.com

Structure Density (s/mm²): <19.2

Structure Concentration (s/cc): <0.0041

CERTIFICATE OF ANALYSIS

Client: OHCS Inc. Report Date: 2/3/2020

209 Catharine St. Report No.: 608989 - TEM AHERA

Philadelphia PA 19147 Project: Ben Franklin

Project No.:

Client: OHC164

EDXA Spectrum ID:

Opening Area (mm²): 0.013

Geometric Mean = 0.0041 Structures/cc

Analyst:

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6963555 Volume (L): 1800.0 L Filter Type: MCE Date Sampled: 1/3/20 Filter Size (mm²): 385 **Client No.: 010320BEN01**

> Location: Center Of Room 601 **Pore Size (µm):** 0.45

Grid Openings: 4 Asbestos Structures: None Detected Non-Asbestos Structures: None Detected

Opening Area (mm²): 0.013 Area Analyzed (mm²): 0.0520 Structures 0.5 μm to <5.0 μm: None Detected Sensitivity (s/mm²): 19.2 Structures \geq 5.0 µm: None Detected

Structure Density (s/mm²): <19.2 **Detection Limit (s/cc):** 0.0041 Non-Asbestos Type(s): None Detected Structure Concentration (s/cc): <0.0041

Micrograph Number: Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6963556 **Volume (L):** 1810.0 L Filter Type: MCE **Client No.:** 010320BEN02 **Date Sampled:** 1/3/20 Filter Size (mm²): 385

Location: Center Of Room 606 **Pore Size (µm):** 0.45

Grid Openings: 4 Asbestos Structures: None Detected Non-Asbestos Structures: None Detected

Area Analyzed (mm²): 0.0520 Structures 0.5 μm to <5.0 μm: None Detected Structure Density (s/mm²): <19.2 Sensitivity (s/mm²): 19.2 Structures \geq 5.0 μ m: None Detected

Micrograph Number: Asbestos Type(s): None Detected **EDXA Spectrum ID:**

Structure Concentration (s/cc): <0.0041 **Detection Limit (s/cc):** 0.0041 Structure Density (s/mm²): <19.2 Non-Asbestos Type(s): None Detected Structure Concentration (s/cc): <0.0041

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

2/3/2020 Date Received: Approved By:

Date Analyzed: Frank E. Ehrenfeld, III Signature: Laboratory Director Craig Liska

Dated: 2/4/2020 2:21:14 Page 1 of 7

02/03/2020



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: OHCS Inc. Report Date: 2/3/2020

209 Catharine St. Report No.: 608989 - TEM AHERA

Philadelphia PA 19147 Project: Ben Franklin

Project No.:

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6963557 **Volume (L):** 1810.0 L Filter Type: MCE **Client No.:** 010320BEN03 **Date Sampled:** 1/3/20 Filter Size (mm²): 385

Location: Center Of Room 611 **Pore Size (µm):** 0.45

Grid Openings: 4 Asbestos Structures: None Detected Non-Asbestos Structures: None Detected

Opening Area (mm²): 0.013 Area Analyzed (mm²): 0.0520 Structures 0.5 μm to <5.0 μm: None Detected Structure Density (s/mm²): <19.2 Sensitivity (s/mm²): 19.2 Structures $\geq 5.0 \mu m$: None Detected Structure Concentration (s/cc): <0.0041 Structure Density (s/mm²): <19.2 **Detection Limit (s/cc):** 0.0041 Non-Asbestos Type(s): None Detected

Structure Concentration (s/cc): <0.0041

Micrograph Number: Asbestos Type(s): None Detected **EDXA Spectrum ID:**

Geometric Mean = 0.0041 Structures/cc

Opening Area (mm²): 0.013

Geometric Mean = 0.0041 Structures/cc

Client: OHC164

Lab No.: 6963558 **Volume (L):** 1810.0 L Filter Type: MCE **Client No.:** 010320BEN04 **Date Sampled:** 1/3/20 Filter Size (mm²): 385

Location: Center Of Room 612 **Pore Size (µm):** 0.45

Grid Openings: 4 Asbestos Structures: None Detected Non-Asbestos Structures: None Detected

Area Analyzed (mm²): 0.0520 Structures 0.5 μm to <5.0 μm: None Detected Sensitivity (s/mm²): 19.2 Structures \geq 5.0 μ m: None Detected **Detection Limit (s/cc):** 0.0041 Structure Density (s/mm²): <19.2

Structure Concentration (s/cc): <0.0041

Micrograph Number: Asbestos Type(s): None Detected **EDXA Spectrum ID:**

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

2/3/2020 Date Received: 02/03/2020 Date Analyzed:

Signature: Craig Liska Analyst:

Dated: 2/4/2020 2:21:14 Page 2 of 7 Approved By:

Frank E. Ehrenfeld, III

Structure Density (s/mm²): <19.2

Structure Concentration (s/cc): <0.0041

Non-Asbestos Type(s): None Detected

Laboratory Director



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

Structure Density (s/mm²): <19.2

Structure Concentration (s/cc): <0.0041

Non-Asbestos Type(s): None Detected

CERTIFICATE OF ANALYSIS

Client: OHCS Inc. Report Date: 2/3/2020

209 Catharine St. Report No.: 608989 - TEM AHERA

Philadelphia PA 19147 Project: Ben Franklin

Project No.:

Client: OHC164

TEM AIR SAMPLE ANALYSIS DETAILS

 Lab No.: 6963559
 Volume (L): 1810.0 L
 Filter Type: MCE

 Client No.: 010320BEN05
 Date Sampled: 1/3/20
 Filter Size (mm²): 385

Location: Center Of Room 613 **Pore Size (µm):** 0.45

Grid Openings: 4 Asbestos Structures: None Detected Non-Asbestos Structures: None Detected Opening Area (mm²): 0.013

Area Analyzed (mm²): 0.0520 Structures 0.5 µm to <5.0 µm: None Detected Sensitivity (s/mm²): 19.2 Structures \geq 5.0 µm: None Detected Detection Limit (s/cc): 0.0041 Structure Density (s/mm²): \leq 19.2

Structure Concentration (s/cc): <0.0041

Micrograph Number: Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

EDXA Spectrum ID:

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

Date Received: 2/3/2020

Date Analyzed: 02/03/2020

Signature:
Analyst: Craig Liska

Frank E. Ehrenfeld, III

Approved By:

Laboratory Director

Dated: 2/4/2020 2:21:14 Page 3 of 7



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: OHCS Inc. Report Date: 2/3/2020

209 Catharine St. Report No.: 608989 - TEM AHERA

Philadelphia PA 19147 Project: Ben Franklin

Volume (L): 1820.0 L

Project No.: Client: OHC164

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6963560

Date Sampled: 1/3/20 **Client No.:** 010320BEN06

Location: Center Of Room 616 **Pore Size (µm):** 0.45

Grid Openings: 4

Opening Area (mm²): 0.013 Area Analyzed (mm²): 0.0520 Structures 0.5 μm to <5.0 μm: None Detected Sensitivity (s/mm²): 19.2 Structures \geq 5.0 µm: None Detected Structure Density (s/mm²): <19.2 **Detection Limit (s/cc):** 0.0041

Structure Concentration (s/cc): <0.0041 Non-Asbestos Type(s): None Detected

Structure Density (s/mm²): <19.2

Non-Asbestos Structures: None Detected

Micrograph Number:

Asbestos Type(s): None Detected

Volume (L): 1820.0 L

Asbestos Structures: None Detected

EDXA Spectrum ID:

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6963561

Client No.: 010320BEN07 **Date Sampled:** 1/3/20

Location: Center Of Room 636

Grid Openings: 4 Asbestos Structures: None Detected

Structures \geq 5.0 μ m: None Detected

Structures 0.5 μm to <5.0 μm: None Detected

Structure Concentration (s/cc): <0.0041

Opening Area (mm²): 0.013

Area Analyzed (mm²): 0.0520 Sensitivity (s/mm²): 19.2 **Detection Limit (s/cc):** 0.0041

Structure Density (s/mm²): <19.2 Structure Concentration (s/cc): <0.0041 Asbestos Type(s): None Detected

Micrograph Number: **EDXA Spectrum ID:**

Geometric Mean = 0.0041 Structures/cc

Filter Type: MCE Filter Size (mm²): 385 **Pore Size (µm):** 0.45

Filter Type: MCE

Filter Size (mm²): 385

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2 Structure Concentration (s/cc): <0.0041

Non-Asbestos Type(s): None Detected

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

Date Received:

2/3/2020

Date Analyzed:

02/04/2020

Signature:

Analyst:

Dated: 2/4/2020 2:21:14

Craig Liska

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 4 of 7



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: OHCS Inc. Report Date: 2/3/2020

209 Catharine St. Report No.: 608989 - TEM AHERA

Philadelphia PA 19147 Project: Ben Franklin

Project No.:

Client: OHC164

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6963562 Volume (L): 1800.0 L Filter Type: MCE **Client No.:** 010320BEN08 **Date Sampled:** 1/3/20 Filter Size (mm²): 385

Location: Center Of Room 502 **Pore Size (µm):** 0.45

Grid Openings: 4 Asbestos Structures: None Detected Non-Asbestos Structures: None Detected

Opening Area (mm²): 0.013 Area Analyzed (mm²): 0.0520 Structures 0.5 μm to <5.0 μm: None Detected Structure Density (s/mm²): <19.2

Sensitivity (s/mm²): 19.2 Structures $\geq 5.0 \mu m$: None Detected Structure Concentration (s/cc): <0.0041 Structure Density (s/mm²): <19.2 **Detection Limit (s/cc):** 0.0041 Non-Asbestos Type(s): None Detected Structure Concentration (s/cc): <0.0041

Micrograph Number: Asbestos Type(s): None Detected

EDXA Spectrum ID:

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6963563 Volume (L): 1800.0 L Filter Type: MCE **Client No.:** 010320BEN09 **Date Sampled:** 1/3/20 Filter Size (mm²): 385

Location: Center Of Room 507 **Pore Size (µm):** 0.45

Grid Openings: 4 Asbestos Structures: None Detected Non-Asbestos Structures: None Detected

Opening Area (mm²): 0.013 Area Analyzed (mm²): 0.0520 Structures 0.5 μm to <5.0 μm: None Detected Sensitivity (s/mm²): 19.2 Structures $\geq 5.0 \, \mu m$: None Detected

Detection Limit (s/cc): 0.0041 Structure Density (s/mm²): <19.2 Structure Concentration (s/cc): <0.0041

Micrograph Number: Asbestos Type(s): None Detected

EDXA Spectrum ID: Geometric Mean = 0.0041 Structures/cc

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

2/3/2020 Date Received: 02/04/2020 Date Analyzed:

Signature: Craig Liska Analyst:

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Structure Density (s/mm²): <19.2

Structure Concentration (s/cc): <0.0041

Non-Asbestos Type(s): None Detected

Dated: 2/4/2020 2:21:14 Page 5 of 7



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

Structure Density (s/mm²): <19.2

Structure Concentration (s/cc): <0.0041

CERTIFICATE OF ANALYSIS

Client: OHCS Inc. Report Date: 2/3/2020

209 Catharine St. Report No.: 608989 - TEM AHERA

Philadelphia PA 19147 Project: Ben Franklin

Project No.:

Client: OHC164

Geometric Mean = 0.0041 Structures/cc

TEM AIR SAMPLE ANALYSIS DETAILS

 Lab No.: 6963564
 Volume (L): 1800.0 L
 Filter Type: MCE

 Client No.: 010320BEN10
 Date Sampled: 1/3/20
 Filter Size (mm²): 385

Location: Center Of Room 520 **Pore Size (μm):** 0.45

Grid Openings: 4 Asbestos Structures: None Detected Non-Asbestos Structures: None Detected Opening Area (mm²): 0.013

Area Analyzed (mm²): 0.0520Structures $0.5 \mu m$ to $<5.0 \mu m$: None DetectedSensitivity (s/mm²): 19.2Structures $\ge 5.0 \mu m$: None DetectedDetection Limit (s/cc): 0.0041Structure Density (s/mm²): <19.2

 Detection Limit (s/cc): 0.0041
 Structure Density (s/mm²): ≤19.2
 Non-Asbestos Type(s): None Detected

 Structure Concentration (s/cc): ≤0.0041
 Asbestos Type(s): None Detected

 EDXA Spectrum ID:
 Asbestos Type(s): None Detected

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

Date Received: 2/3/2020

Date Analyzed: 02/04/2020

Signature:
Analyst: Craig Liska

Frank E. Ehrenfeld, III

Approved By:

Laboratory Director



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: OHCS Inc.

209 Catharine St.

Philadelphia PA 19147

Client: OHC164

Report Date: 2/3/2020

Report No.: 608989 - TEM AHERA

Project: Ben Franklin

Project No.:

Dated: 2/4/2020 2:21:14 Page 7 of 7

Occupational Health Consultation Services. 209 Catharine Street, Philadelphia, PA 19147.

Cell: 215-407-3900 Office: 215-925-3870 Fax: 215-925-3872

CHAIN OF CUSTODY-Air Samples

CLIENT: PFT	SITE: BEN FRANKLIN
PROJECT #:	PAGE #: /of/
SAMPLED BY: IM CONTAMINANTS:	DATE: 1.3.20.
ASBESTOS	ANALYSIS NEEDED BY:

-		SAMPLE#:	VOLUME	TYPE	COMMENTS (B)(P)
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237	3	0/032036~03	1510		CHUTTER OF ROOM GIT
37		5/0570BEN 04	1810		CTWITE OF TROOM GIZ
238	5	0/03/20 35/1 05	1810	-	CHATER OF TROOM GIB
239	5	01032086006	الالاك	-	CONTER OF ROOM GIG
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SAMPLE PACKAGED AND SEALED BY

CONDITION UPON RECEIPT (DAMAGED / UNDAMAGED)



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: OHCS Inc. Report Date: 2/4/2020

209 Catharine St. Report No.: 608993 - TEM AHERA

Philadelphia PA 19147 Project: Ben Franklin; 5th & 4th Floors

Project No.:

Client: OHC164

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6963614

Client No.: 020320BEN11

Volume: 1820.0 L

Location: Corridor By Classroom 509

Date Sampled: 2/3/20

Density (s/mm²): <19.2 Concentration (s/cc): <0.0041

Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6963615

Client No.: 020320BEN12

Volume: 1820.0 L

Location: Corridor By IT Room 510

Date Sampled: 2/3/20

Density (s/mm²): 19.2

Concentration (s/cc): 0.0041 Asbestos Type(s):Crocidolite

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6963616

Client No.: 020320BEN13

Volume: 1800.0 L

Location: Room 526 Behind Desk

Date Sampled: 2/3/20

Density (s/mm²): <19.2

Concentration (s/cc): <0.0041 Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6963617

Client No.: 020320BEN14

Volume: 1800.0 L

Location: Room 402 Entrance

Date Sampled: 2/3/20

Density (s/mm²): <19.2

Concentration (s/cc): <0.0041 Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6963618

Client No.: 020320BEN15

Volume: 1800.0 L

Location: Room 409 Entrance

Date Sampled: 2/3/20

Density (s/mm²): <19.2 Concentration (s/cc): <0.0041

Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6963619

Client No.: 020320BEN16

Volume: 1810.0 L

Location: Room 412 Center Date Sampled: 2/3/20

Density (s/mm²): <19.2

Concentration (s/cc): <0.0041 Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6963620

Client No.: 020320BEN17

Volume: 1810.0 L

Location: Room 417 Center **Date Sampled:** 2/3/20

Density (s/mm²): <19.2 Concentration (s/cc): <0.0041

Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

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

Date Received:

2/3/2020

Date Analyzed:

Dated: 2/4/2020 2:17:03

02/04/2020

Signature:

Analyst:

Craig Liska

Approved By:

Frank E. Ehrenfeld, III

Laboratory Director

Page 1 of 3



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: OHCS Inc.

Report Date: 2/4/2020 209 Catharine St. Report No.: 608993 - TEM AHERA

Philadelphia PA 19147 Project: Ben Franklin; 5th & 4th Floors

Project No.:

Asbestos Type(s): None Detected

Client: OHC164

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6963621 **Volume:** 1810.0 L **Density (s/mm²):** <19.2 **Location:** Room 421 Entrance Concentration (s/cc): <0.0041 **Client No.:** 020320BEN18

Date Sampled: 2/3/20

Geometric Mean = 0.0041 Structures/cc

Volume: 1800.0 L Lab No.: 6963622 **Density (s/mm²):** <19.2 **Client No.:** 020320BEN19 **Location:** Room 422 Behind Desk Concentration (s/cc): <0.0041 Asbestos Type(s): None Detected **Date Sampled:** 2/3/20

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6963623 **Volume:** 1810.0 L

Density (s/mm²): <19.2 Location: Room 428 Center Concentration (s/cc): <0.0041 **Client No.:** 020320BEN20 **Date Sampled: 2/3/20** Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

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

2/3/2020 Date Received: 02/04/2020 Date Analyzed:

Signature: Craig Liska Analyst:

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Dated: 2/4/2020 2:17:03 Page 2 of 3



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: OHCS Inc. Report Date: 2/4/2020

209 Catharine St. Report No.: 608993 - TEM AHERA

Philadelphia PA 19147 Project: Ben Franklin; 5th & 4th Floors

Client: OHC164 Project No.:

Appendix to Analytical Report:

Customer Contact: Jerry - Alia Roseman Method: 40 CFR 763 Final Rule

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: Shirley Clark

Sample Matrix: Air Cassettes

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 ir 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 40 CFR 763 Final Rule

Certifications:

- NIST-NVLAP No. 101165-0
- NYSDOH-ELAP No. 11021

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.

Detection Limit (Reporting Limit) is dependent upon the volume of air sampled. AHERA guidelines recommend a minimum of 1200 L (0.0049 s/cc).

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.

Dated: 2/4/2020 2:17:03 Page 3 of 3



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: OHCS Inc. Report Date: 2/4/2020

209 Catharine St. Report No.: 608993 - TEM AHERA

Philadelphia PA 19147 Project: Ben Franklin; 5th & 4th Floors

Project No.:

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6963614

Client: OHC164

Client No.: 020320BEN11

Grid Openings: 4

Opening Area (mm²): 0.013 Area Analyzed (mm²): 0.0520 Sensitivity (s/mm²): 19.2 **Detection Limit (s/cc):** 0.0041

Micrograph Number: **EDXA Spectrum ID:**

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6963615

Client No.: 020320BEN12

Grid Openings: 4

Opening Area (mm²): 0.013 Area Analyzed (mm²): 0.0520 Sensitivity (s/mm²): 19.2 **Detection Limit (s/cc):** 0.0041

Micrograph Number: DP 2779

EDXA Spectrum ID:

Geometric Mean = 0.0041 Structures/cc

Volume (L): 1820.0 L **Date Sampled: 2/3/20**

Location: Corridor By Classroom 509

Asbestos Structures: None Detected

Structures 0.5 μm to <5.0 μm: None Detected Structures \geq 5.0 µm: None Detected

Structure Density (s/mm²): <19.2 Structure Concentration (s/cc): <0.0041

Asbestos Type(s): None Detected

Filter Type: MCE Filter Size (mm²): 385

Pore Size (µm): 0.45

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2 Structure Concentration (s/cc): <0.0041 Non-Asbestos Type(s): None Detected

Filter Type: MCE Filter Size (mm²): 385 **Pore Size (µm):** 0.45

Asbestos Structures: 1 Non-Asbestos Structures: None Detected

Structures 0.5 μm to <5.0 μm: None Detected

Structures \geq 5.0 μ m: 1

Asbestos Type(s): Crocidolite

Volume (L): 1820.0 L

Date Sampled: 2/3/20

Structure Density (s/mm²): 19.2 Structure Concentration (s/cc): 0.0041

Location: Corridor By IT Room 510

Structure Density (s/mm²): <19.2 Structure Concentration (s/cc): <0.0041

Non-Asbestos Type(s): None Detected

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

Date Received:

2/3/2020

Date Analyzed:

Dated: 2/4/2020 2:17:04

02/04/2020

Signature:

Analyst:

Craig Liska

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 6



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: OHCS Inc. Report Date: 2/4/2020

209 Catharine St. Report No.: 608993 - TEM AHERA

Philadelphia PA 19147 Project: Ben Franklin; 5th & 4th Floors

Project No.:

Client: OHC164

TEM AIR SAMPLE ANALYSIS DETAILS

Volume (L): 1800.0 L Lab No.: 6963616 Filter Type: MCE **Client No.:** 020320BEN13 **Date Sampled:** 2/3/20 Filter Size (mm²): 385

Location: Room 526 Behind Desk **Pore Size (µm):** 0.45

Grid Openings: 4 Asbestos Structures: None Detected Non-Asbestos Structures: None Detected

Opening Area (mm²): 0.013 Area Analyzed (mm²): 0.0520 Structures 0.5 μm to <5.0 μm: None Detected Structure Density (s/mm²): <19.2 Sensitivity (s/mm²): 19.2 Structures $\geq 5.0 \mu m$: None Detected

Structure Concentration (s/cc): <0.0041 Structure Density (s/mm²): <19.2 **Detection Limit (s/cc):** 0.0041 Non-Asbestos Type(s): None Detected Structure Concentration (s/cc): <0.0041

Micrograph Number: Asbestos Type(s): None Detected

EDXA Spectrum ID:

Opening Area (mm²): 0.013

EDXA Spectrum ID:

Analyst:

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6963617 Volume (L): 1800.0 L Filter Type: MCE **Client No.:** 020320BEN14 **Date Sampled:** 2/3/20 Filter Size (mm²): 385

Location: Room 402 Entrance **Pore Size (µm):** 0.45

Grid Openings: 4 Asbestos Structures: None Detected Non-Asbestos Structures: None Detected

Area Analyzed (mm²): 0.0520 Structures 0.5 μm to <5.0 μm: None Detected Sensitivity (s/mm²): 19.2 Structures $\geq 5.0 \, \mu m$: None Detected

Detection Limit (s/cc): 0.0041 Structure Density (s/mm²): <19.2

Structure Concentration (s/cc): <0.0041 Micrograph Number: Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

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

2/3/2020 Date Received:

02/04/2020 Date Analyzed: Signature: Craig Liska

Dated: 2/4/2020 2:17:04 Page 2 of 6 Approved By:

Frank E. Ehrenfeld, III

Structure Density (s/mm²): <19.2

Structure Concentration (s/cc): <0.0041

Non-Asbestos Type(s): None Detected

Laboratory Director



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: OHCS Inc. Report Date: 2/4/2020

209 Catharine St. Report No.: 608993 - TEM AHERA

Philadelphia PA 19147 Project: Ben Franklin; 5th & 4th Floors

Project No.:

Client: OHC164

TEM AIR SAMPLE ANALYSIS DETAILS

 Lab No.: 6963618
 Volume (L): 1800.0 L
 Filter Type: MCE

 Client No.: 020320BEN15
 Date Sampled: 2/3/20
 Filter Size (mm²): 385

Location: Room 409 Entrance

Pore Size (µm): 0.45

Grid Openings: 4 Asbestos Structures: None Detected Non-Asbestos Structures: None Detected

Opening Area (mm²): 0.013

Area Analyzed (mm²): 0.0520

Sensitivity (s/mm²): 19.2

Structures 0.5 μm to <5.0 μm: None Detected
Structure Density (s/mm²): <19.2

Structure Sensitivity (s/mm²): 19.2

Structure Sensitivity (s/mm²): <0.0041

Detection Limit (s/cc): 0.0041

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041

Non-Asbestos Type(s): None Detected

Micrograph Number: Asbestos Type(s): None Detected EDXA Spectrum ID:

Geometric Mean = 0.0041 Structures/cc

 Lab No.: 6963619
 Volume (L): 1810.0 L
 Filter Type: MCE

 Client No.: 020320BEN16
 Date Sampled: 2/3/20
 Filter Size (mm²): 385

Date Sampled: 2/3/20

Location: Room 412 Center

Pore Size (μm): 0.45

Grid Openings: 4 Asbestos Structures: None Detected Non-Asbestos Structures: None Detected

Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Structures 0.5 μm to <5.0 μm: None Detected Structure Density (s/mm²): <19.2

Sensitivity (s/mm²): 19.2 Structures \geq 5.0 μ m: None Detected Detection Limit (s/cc): 0.0041 Structure Density (s/mm²): \leq 19.2 Structure Concentration (s/cc): <0.0041 Non-Asbestos Type(s): None Detected

Structure Concentration (s/cc): <0.0041

Ashertes Type(s): None Detected

Micrograph Number: Asbestos Type(s): None Detected EDXA Spectrum ID:

Geometric Mean = 0.0041 Structures/cc

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

Date Analyzed: 02/04/2020 Frank E. Ehrenfeld, III
Signature: Laboratory Director

Dated: 2/4/2020 2:17:04 Page 3 of 6

Craig Liska

Analyst:



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: OHCS Inc. Report Date: 2/4/2020

209 Catharine St. Report No.: 608993 - TEM AHERA

Philadelphia PA 19147 Project: Ben Franklin; 5th & 4th Floors

Project No.:

Client: OHC164

TEM AIR SAMPLE ANALYSIS DETAILS

 Lab No.: 6963620
 Volume (L): 1810.0 L
 Filter Type: MCE

 Client No.: 020320BEN17
 Date Sampled: 2/3/20
 Filter Size (mm²): 385

Date Sampled: 2/3/20Filter Size (mm²): 385Location: Room 417 CenterPore Size (μm): 0.45

Grid Openings: 4 Asbestos Structures: None Detected Non-Asbestos Structures: None Detected

Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Structures 0.5 μm to <5.0 μm: None Detected Structure Density (s/mm²): <19.2

Sensitivity (s/mm²): 19.2 Structures \geq 5.0 μ m: None Detected Detection Limit (s/cc): 0.0041 Structure Density (s/mm²): \leq 19.2 Structure Concentration (s/cc): <0.0041 Non-Asbestos Type(s): None Detected

Structure Concentration (s/cc): <0.0041
Micrograph Number: Asbestos Type(s): None Detected

EDXA Spectrum ID:
Geometric Mean = 0.0041 Structures/cc

Lab No.: 6963621 Volume (L): 1810.0 L Filter Type: MCE

Client No.: 020320BEN18 Date Sampled: 2/3/20 Filter Size (mm²): 385
Location: Room 421 Entrance Pore Size (µm): 0.45

Grid Openings: 4 Asbestos Structures: None Detected Non-Asbestos Structures: None Detected

Opening Area (mm²): 0.013

Area Analyzed (mm²): 0.0520

Asbestos Structures: None Detected Non-Asbestos Structures: None Detected Structure Structures: None Detected Structure Density (s/mm²): <19.2

Sensitivity (s/mm²): 19.2 Structures \geq 5.0 μ m: None Detected Detection Limit (s/cc): 0.0041 Structure Density (s/mm²): \leq 19.2 Structure Concentration (s/cc): <0.0041 Non-Asbestos Type(s): None Detected

Structure Density (s/min'): <a href="mailto:s

Micrograph Number: Asbestos Type(s): None Detected EDXA Spectrum ID:

Geometric Mean = 0.0041 Structures/cc

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

Date Received: 2/3/2020 Approved By: Approved By:

Date Analyzed: 02/04/2020

Frank E. Ehrenfeld, III
Laboratory Director

Dated: 2/4/2020 2:17:04 Page 4 of 6

Craig Liska

Analyst:



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

Structure Density (s/mm²): <19.2

Structure Density (s/mm²): <19.2

Structure Concentration (s/cc): <0.0041

Non-Asbestos Type(s): None Detected

CERTIFICATE OF ANALYSIS

Client: OHCS Inc. Report Date: 2/4/2020

209 Catharine St. Report No.: 608993 - TEM AHERA

Philadelphia PA 19147 Project: Ben Franklin; 5th & 4th Floors

Project No.:

Client: OHC164

TEM AIR SAMPLE ANALYSIS DETAILS

 Lab No.: 6963622
 Volume (L): 1800.0 L
 Filter Type: MCE

 Client No.: 020320BEN19
 Date Sampled: 2/3/20
 Filter Size (mm²): 385

Location: Room 422 Behind Desk Pore Size (µm): 0.45

Grid Openings: 4 Asbestos Structures: None Detected Non-Asbestos Structures: None Detected

Opening Area (mm²): 0.013

Area Analyzed (mm²): 0.0520

Sensitivity (s/mm²): 19.2

Structures 0.5 μm to <5.0 μm: None Detected

Structures ≥ 5.0 μm: None Detected

Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected
Structure Concentration (s/cc): <0.0041

Micrograph Number: Asbestos Type(s): None Detected

EDXA Spectrum ID:

Detection Limit (s/cc): 0.0041

Geometric Mean = 0.0041 Structures/cc

 Lab No.: 6963623
 Volume (L): 1810.0 L
 Filter Type: MCE

 Client No.: 020320BEN20
 Date Sampled: 2/3/20
 Filter Size (mm²): 385

Location: Room 428 Center Pore Size (µm): 0.45

Grid Openings: 4

Asbestos Structures: None Detected

Non-Asbestos Structures: No

Grid Openings: 4 Asbestos Structures: None Detected Non-Asbestos Structures: None Detected Opening Area (mm²): 0.013

Area Analyzed (mm²): 0.0520 Structures $0.5 \mu m$ to $<5.0 \mu m$: None Detected Sensitivity (s/mm²): 19.2 Structures $\ge 5.0 \mu m$: None Detected Detection Limit (s/cc): 0.0041 Structure Density (s/mm²): <19.2

Structure Concentration (s/cc): <0.0041

Structure Concentration (s/cc): <0.0041

Micrograph Number: Asbestos Type(s): None Detected EDXA Spectrum ID:

Geometric Mean = 0.0041 Structures/cc

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

Date Received: 2/3/2020

Date Analyzed: 02/04/2020

Signature:
Analyst:
Craig Liska

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Dated: 2/4/2020 2:17:04 Page 5 of 6



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: OHCS Inc. Report Date: 2/4/2020

209 Catharine St. Report No.: 608993 - TEM AHERA

Philadelphia PA 19147 Project: Ben Franklin; 5th & 4th Floors

Client: OHC164 Project No.:

Dated: 2/4/2020 2:17:04 Page 6 of 6

(D)

Occupational Health Consultation Services 209 Catharine Street; Philadelphia, PA 19147

Cell: 215-407-3900 Office: 215-925-3870 Fax: 215-925-3872

JRasonan @downet yeraline icloud con

CHAIN OF CUSTODY-Air Samples

CLIENT: PFT.	SITE: BEN PRANKLIN
512 + yth Ploats.	PAGE#:
SAMPLED BY: TIM PACEY	DATE: 2.3.20
CONTAMINANTS:	ANALYSIS NEEDED BY:

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SAMPLE PACKAGED AND SEALED BY:

This Daly

7.03.20

SENT TO: LOTC

CONDITION UPON RECEIPT (DAMAGED) UNDAMAGED)

ANAURED 24/20 OA KIMPA 2/4/2020