

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.  
228 Moore Street  
Philadelphia PA 19148

Report Date: 12/19/2019  
Report No.: 606649 - TEM AHERA  
Project: Franklin Learning Center  
Project No.: 010-4531

Client: SYN177

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6939943  
Client No.: HS-1219-3

Volume: 1440.0 L  
Location: Basement Room Wallace St. Side  
Date Sampled: 12/19/19

Density (s/mm<sup>2</sup>): <15.4  
Concentration (s/cc): <0.0041  
Asbestos Type(s): None Detected

Lab No.: 6939944  
Client No.: HS-1219-4

Volume: 1800.0 L  
Location: Auditorium Left Side Bottom Next To Stage  
Date Sampled: 12/19/19

Density (s/mm<sup>2</sup>): <19.2  
Concentration (s/cc): <0.0041  
Asbestos Type(s): None Detected

Lab No.: 6939945  
Client No.: HS-1219-5

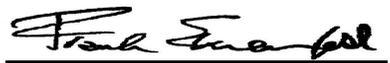
Volume: 1800.0 L  
Location: Auditorium Right Side Bottom Next To Stage  
Date Sampled: 12/19/19

Density (s/mm<sup>2</sup>): <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: 12/19/2019  
Date Analyzed: 12/19/2019  
Signature:   
Analyst: Jhoon Jeon

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

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## Appendix to Analytical Report:

**Customer Contact:** Jacqueline McMahon  
**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:

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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.

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TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6939943  
Client No.: HS-1219-3  
  
Grid Openings: 5  
Opening Area (mm<sup>2</sup>): 0.013  
Area Analyzed (mm<sup>2</sup>): 0.0650  
Sensitivity (s/mm<sup>2</sup>): 15.4  
Detection Limit (s/cc): 0.0041

Volume (L): 1440.0 L  
Date Sampled: 12/19/19  
Location: Basement Room Wallace St. Side  
Asbestos Structures: None Detected  
  
Structures 0.5 µm to <5.0 µm: None Detected  
Structures ≥ 5.0 µm: None Detected  
Structure Density (s/mm<sup>2</sup>): <15.4  
Structure Concentration (s/cc): <0.0041  
Asbestos Type(s): None Detected

Filter Type: MCE  
Filter Size (mm<sup>2</sup>): 385  
Pore Size (µm): 0.45  
Non-Asbestos Structures: None Detected  
  
Structure Density (s/mm<sup>2</sup>): <15.4  
Structure Concentration (s/cc): <0.0041  
Non-Asbestos Type(s): None Detected

Micrograph Number:  
EDXA Spectrum ID:

Lab No.: 6939944  
Client No.: HS-1219-4

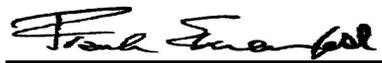
Volume (L): 1800.0 L  
Date Sampled: 12/19/19  
Location: Auditorium Left Side Bottom Next To Stage  
Asbestos Structures: None Detected  
  
Structures 0.5 µm to <5.0 µm: None Detected  
Structures ≥ 5.0 µm: None Detected  
Structure Density (s/mm<sup>2</sup>): <19.2  
Structure Concentration (s/cc): <0.0041  
Asbestos Type(s): None Detected

Filter Type: MCE  
Filter Size (mm<sup>2</sup>): 385  
Pore Size (µm): 0.45  
Non-Asbestos Structures: None Detected  
  
Structure Density (s/mm<sup>2</sup>): <19.2  
Structure Concentration (s/cc): <0.0041  
Non-Asbestos Type(s): None Detected

Micrograph Number:  
EDXA Spectrum ID:

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

Date Received: 12/19/2019  
Date Analyzed: 12/19/2019  
Signature:   
Analyst: Jhoon Jeon

Approved By:   
Frank E. Ehrenfeld, III  
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Project No.: 010-4531

Client: SYN177

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6939945  
Client No.: HS-1219-5

Volume (L): 1800.0 L  
Date Sampled: 12/19/19  
Location: Auditorium Right Side Bottom Next  
To Stage

Filter Type: MCE  
Filter Size (mm<sup>2</sup>): 385  
Pore Size (µm): 0.45

Grid Openings: 4  
Opening Area (mm<sup>2</sup>): 0.013  
Area Analyzed (mm<sup>2</sup>): 0.0520  
Sensitivity (s/mm<sup>2</sup>): 19.2  
Detection Limit (s/cc): 0.0041

Asbestos Structures: None Detected  
  
Structures 0.5 µm to <5.0 µm: None Detected  
Structures ≥ 5.0 µm: None Detected  
Structure Density (s/mm<sup>2</sup>): ≤19.2  
Structure Concentration (s/cc): ≤0.0041  
Asbestos Type(s): None Detected

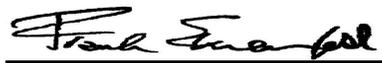
Non-Asbestos Structures: None Detected  
  
Structure Density (s/mm<sup>2</sup>): <19.2  
Structure Concentration (s/cc): <0.0041  
Non-Asbestos Type(s): None Detected

Micrograph Number:  
EDXA Spectrum ID:

Geometric Mean = 0.0041 Structures/cc

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