

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com>cinnaslab@EMSL.com

| | |
|-------------|-----------|
| EMSL Order: | 042004803 |
| CustomerID: | VRTX78 |
| CustomerPO: | |
| ProjectID: | |

Attn: **Don Heim**
The Vertex Companies, Inc.
700 Turner Way, Suite 105
Aston, PA 19014

Phone: (610) 558-8902
 Fax: (610) 558-8904
 Received: 02/22/20 4:20 PM
 Analysis Date: 2/22/2020
 Collected: 2/22/2020

Project: **Clara Barton / 62622**

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM)
Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

| Sample | Location | Volume (Liters) | Non Asb | Area Analyzed (mm ²) | Asbestos Type(s) | # Structures | | Analytical Sensitivity (S/cc) | Asbestos Concentration | |
|------------------------|----------------------|-----------------|---------|----------------------------------|------------------|--------------|---------|-------------------------------|------------------------|---------|
| | | | | | | ≥ 0.5μ | -5μ ≥5μ | | (S/mm ²) | (S/cc) |
| B-40 042004803-0001 | Room B-11 | 1775.00 | 0 | 0.0524 | None Detected | | | 0.0041 | <19.00 | <0.0041 |
| B-41 042004803-0002 | Room B-10 | 1775.00 | 2 | 0.0524 | None Detected | | | 0.0041 | <19.00 | <0.0041 |
| B-42 042004803-0003 | Room B-10 | 1775.00 | 0 | 0.0524 | None Detected | | | 0.0041 | <19.00 | <0.0041 |
| B-43 042004803-0004 | Hallway at Room B-7 | 1775.00 | 1 | 0.0524 | None Detected | | | 0.0041 | <19.00 | <0.0041 |
| B-44 042004803-0005 | Room B-7 | 1767.00 | 0 | 0.0524 | None Detected | | | 0.0042 | <19.00 | <0.0042 |
| B-45 042004803-0006 | Room B-7 | 1767.00 | 0 | 0.0524 | None Detected | | | 0.0042 | <19.00 | <0.0042 |
| B-46 042004803-0007 | Hallway at Cafeteria | 1758.00 | 0 | 0.0524 | None Detected | | | 0.0042 | <19.00 | <0.0042 |
| B-47 042004803-0008 | Hallway at Cafeteria | 1758.00 | 0 | 0.0524 | None Detected | | | 0.0042 | <19.00 | <0.0042 |

Analyst(s)
 Ted Young (7)
 Wayne Froehlich (5)

Samantha Rundstrom, Laboratory Manager
 or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. EMSL is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. Samples received in good condition unless otherwise noted. The test results meet the requirements of NELAC unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from 02/22/2020 22:14:31



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
<http://www.EMSL.com> cinnaslab@EMSL.com

EMSL Order: 042004803
CustomerID: VRTX78
CustomerPO:
ProjectID:

Attn: **Don Heim**
The Vertex Companies, Inc.
700 Turner Way, Suite 105
Aston, PA 19014

Phone: (610) 558-8902
Fax: (610) 558-8904
Received: 02/22/20 4:20 PM
Analysis Date: 2/22/2020
Collected: 2/22/2020

Project: **Clara Barton / 62622**

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM)
Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

| Sample | Location | Volume (Liters) | Non Asb | Area Analyzed (mm ²) | Asbestos Type(s) | # Structures ≥ 0.5μ -5μ ≥5μ | Analytical Sensitivity (S/cc) | Asbestos Concentration (S/mm ²) | (S/cc) |
|------------------------|-----------|-----------------|---------|----------------------------------|------------------|-----------------------------|-------------------------------|---|---------|
| B-48 042004803-0009 | Cafeteria | 1739.00 | 0 | 0.0524 | None Detected | | 0.0042 | <19.00 | <0.0042 |
| B-49 042004803-0010 | Cafeteria | 1739.00 | 0 | 0.0524 | None Detected | | 0.0042 | <19.00 | <0.0042 |
| B-50 042004803-0011 | Kitchen | 1729.00 | 0 | 0.0524 | None Detected | | 0.0042 | <19.00 | <0.0042 |
| B-51 042004803-0012 | Kitchen | 1729.00 | 0 | 0.0524 | None Detected | | 0.0042 | <19.00 | <0.0042 |

Geometric Mean (S/cc): 0.00208

Analyst(s)

Ted Young (7)
Wayne Froehlich (5)

Samantha Rundstrom, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. EMSL is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. Samples received in good condition unless otherwise noted. The test results meet the requirements of NELAC unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request.
Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from 02/22/2020 22:14:31