

**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](mailto:cinnaslab@EMSL.com)

EMSL Order: 042004749  
 CustomerID: CRIT52  
 CustomerPO:  
 ProjectID:

Attn: **Ian Forster**  
**Criterion Laboratories, Inc.**  
**400 Street Road**  
**Bensalem, PA 19020**

Phone: (215) 244-1300  
 Fax: (215) 244-4349  
 Received: 02/21/20 7:30 PM  
 Analysis Date: 2/22/2020  
 Collected:

Project: **School District of Philadelphia / Barton ES, 4600 Rosehill Street / 2nd Floor and 1st Floor Hallway / 200424**

**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 <sup>2</sup> )	Asbestos Type(s)	# Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥ 0.5μ	-5μ ≥5μ		(S/mm <sup>2</sup> )	(S/cc)
200424-01-002-21-01 042004749-0001	Room 200A - Back of Room	1853.17	1	0.0528	None Detected			0.0039	<19.00	<0.0039
200424-01-002-21-02 042004749-0002	Room 200A - Front of Room	1863.08	1	0.0528	None Detected			0.0039	<19.00	<0.0039
200424-01-002-21-03 042004749-0003	Classroom 201 - Left of Containment	1843.26	0	0.0528	None Detected			0.0040	<19.00	<0.0040
200424-01-002-21-04 042004749-0004	Classroom 204 - Center of Room	1833.35	0	0.0528	None Detected			0.0040	<19.00	<0.0040
200424-01-002-21-05 042004749-0005	Classroom 204 - Corner of W1/W2	1833.35	0	0.0528	None Detected			0.0040	<19.00	<0.0040
200424-01-002-21-06 042004749-0006	Classroom 206 - Left of Containment	1813.53	0	0.0528	None Detected			0.0040	<19.00	<0.0040
200424-01-002-21-07 042004749-0007	Classroom 207 - Center of Room	1823.44	0	0.0528	None Detected			0.0040	<19.00	<0.0040

Analyst(s)  
 \_\_\_\_\_  
 Chelsey Donnelly (10)  
 Seri Smith (3)

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 01:58:04



**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](mailto:cinnaslab@EMSL.com)

EMSL Order: 042004749  
CustomerID: CRIT52  
CustomerPO:  
ProjectID:

Attn: **Ian Forster**  
**Criterion Laboratories, Inc.**  
**400 Street Road**  
**Bensalem, PA 19020**

Phone: (215) 244-1300  
Fax: (215) 244-4349  
Received: 02/21/20 7:30 PM  
Analysis Date: 2/22/2020  
Collected:

Project: **School District of Philadelphia / Barton ES, 4600 Rosehill Street / 2nd Floor and 1st Floor Hallway / 200424**

**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 <sup>2</sup> )	Asbestos Type(s)	# Structures ≥ 0.5µ -5µ ≥5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm <sup>2</sup> )	(S/cc)
200424-01-002-21-08 042004749-0008	Classroom 207 - Center of W2	1823.44	0	0.0528	None Detected		0.0040	<19.00	<0.0040
200424-01-002-21-09 042004749-0009	Classroom 208 - Center of Room	1813.53	0	0.0528	None Detected		0.0040	<19.00	<0.0040
200424-01-002-21-10 042004749-0010	Classroom 211 - Center of W2	1803.62	0	0.0528	None Detected		0.0040	<19.00	<0.0040
200424-01-002-21-11 042004749-0011	Classroom 211 - Center of Room	1803.62	0	0.0528	None Detected		0.0040	<19.00	<0.0040
200424-01-002-21-12 042004749-0012	1st Floor Hallway - Between 103 and 104	1793.71	0	0.0528	None Detected		0.0041	<19.00	<0.0041
200424-01-002-21-13 042004749-0013	1st Floor Hallway - Between 105 and 106	1793.71	0	0.0528	None Detected		0.0041	<19.00	<0.0041

**Geometric Mean (S/cc): 0.00200**

Analyst(s)  

---

Chelsey Donnelly (10)  
Seri Smith (3)

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 01:58:04