

**EMSL Analytical, Inc.**

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EMSL Order: 042004804

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: 02/22/20 4:20 PM  
 Analysis Date: 2/22/2020  
 Collected: 2/22/2020

Project: **School District of Philadelphia / Barton ES, 4600 Rosehill Street, Philadelphia, PA**

## 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)	# Structure ≥ 0.5μ -5μ ≥ 5μ	Analytical Sensitivity (S/cc)	Asbestos Concentration	
								(S/mm <sup>2</sup> )	(S/cc)
200424-01-002-23-01 042004804-0001	Classroom B11 - Center of W3	1863.08	0	0.0524	None Detected		0.0039	<19.00	<0.0039
200424-01-002-23-02 042004804-0002	Classroom B11 - W4 by Sink	1863.08	0	0.0524	None Detected		0.0039	<19.00	<0.0039
200424-01-002-23-03 042004804-0003	Classroom B10 - Center of Room	1843.26	0	0.0524	None Detected		0.0040	<19.00	<0.0040
200424-01-002-23-04 042004804-0004	Hallway Outside B7 - In Front of Restrooms	1843.26	0	0.0524	None Detected		0.0040	<19.00	<0.0040
200424-01-002-23-05 042004804-0005	Hallway Outside B7 - In Front of B8	1853.17	0	0.0524	None Detected		0.0040	<19.00	<0.0040
200424-01-002-23-06 042004804-0006	Classroom B7 - Center of Room	1833.35	0	0.0524	None Detected		0.0040	<19.00	<0.0040
200424-01-002-23-07 042004804-0007	Hallway Outside Cafeteria - Outside Cafeteria in Hallway	1823.44	0	0.0524	None Detected		0.0040	<19.00	<0.0040

Analyst(s)

Ted Young (12)Samantha Rundstrom, Laboratory Manager  
or other approved signatory

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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 21:17:54

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**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)	# Structure ≥ 0.5μ - 5μ ≥ 5μ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm <sup>2</sup> )	(S/cc)
200424-01-002-23-08 042004804-0008	Hallway Outside Cafeteria - Outside Kitchen by Water Fountains	1823.44	0	0.0524	None Detected		0.0040	<19.00	<0.0040
200424-01-002-23-09 042004804-0009	Cafeteria - Center of W4	1823.44	0	0.0524	None Detected		0.0040	<19.00	<0.0040
200424-01-002-23-10 042004804-0010	Cafeteria - Center of W2	1813.53	0	0.0524	None Detected		0.0041	<19.00	<0.0041
200424-01-002-23-11 042004804-0011	Kitchen Near Computer / Register	1803.62	0	0.0524	None Detected		0.0041	<19.00	<0.0041
200424-01-002-23-12 042004804-0012	Kitchen Double Door Entrance	1803.62	0	0.0524	None Detected		0.0041	<19.00	<0.0041

<b>Geometric Mean (S/cc):</b>	<b>0.00200</b>
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Analyst(s)  
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 Ted Young (12)

*Samantha Rundstrom*

Samantha Rundstrom, Laboratory Manager  
 or other approved signatory

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