

**EMSL Analytical, Inc.**

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EMSL Order: 042004585

CustomerID: CRIT52

CustomerPO:

ProjectID:

Attn: **Isa Haj**  
**Criterion Laboratories, Inc.**  
**400 Street Road**  
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Phone: (215) 244-1300  
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 Received: 02/20/20 11:00 PM  
 Analysis Date: 2/21/2020  
 Collected:

Project: 200424 / School District og Philadelphia / Barton ES, 4600 Rosehill Street, Philadelphia / Boiler Room and Outside the Boiler Room

## 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)
200424-01-002-16-01  042004585-0001	Inside the Work Area in the Boiler Room Containment Southeast End	1817.19	1	0.0528	Chrysotile	2	1	0.0040	<b>57.00</b>	<b>0.0120</b>
200424-01-002-16-02  042004585-0002	Inside the Work Area in the Boiler Room Containment Southwest End	1817.19	2	0.0528	None Detected			0.0040	<b>&lt;19.00</b>	<b>&lt;0.0040</b>
200424-01-002-16-03  042004585-0003	Inside the Work Area in the Middle of the Boiler Room Containment	1817.19	0	0.0528	None Detected			0.0040	<b>&lt;19.00</b>	<b>&lt;0.0040</b>
200424-01-002-16-04  042004585-0004	Inside the Work Area in the Boiler Room Containment Northwest End	1817.19	1	0.0528	None Detected			0.0040	<b>&lt;19.00</b>	<b>&lt;0.0040</b>
200424-01-002-16-05  042004585-0005	Inside the Work Area in the Boiler Room Containment Northeast End	1817.19	0	0.0528	None Detected			0.0040	<b>&lt;19.00</b>	<b>&lt;0.0040</b>

Geometric Mean (S/cc): 0.00286

Analyst(s)  
 Sandy Burany, Ph.D (5)

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 02/21/2020 14:01:23