

Bulk Asbestos Material Analysis

(EPA Method 600/R-93/116, Point Count Analysis)

Sample Company
Sample Contact
000 Sample Street
Suite 000
Sample City, CA 00000

Client ID: 0000
Report Number: N000000
Date Received: 00/00/0000
Date Analyzed: 00/00/0000
Date Printed: 00/00/0000

Job ID/Site: Sample Site

SGSFL Job ID: 0000-0
Total Samples Submitted: 3
Total Samples Analyzed: 3

PLM Report Number: N/A

Sample Preparation and Analysis:

Each sample was prepared using the gravimetric technique. A representative subsample was weighed, ashed for eight hours, and reweighed to determine the proportion of the organic component. The ashed residue was ground in concentrated hydrochloric acid, dried and reweighed to determine the acid-soluble component weight percentage. The residual material was analyzed for asbestos using polarized light microscopy. Asbestos quantitation was performed using the semi-quantitative Point Count method following the general guidelines in EPA Method 600/R-93/116. The analytical sensitivity for the method is calculated as the asbestos concentration that results from one point counted in the analysis adjusted using the residual weight of the sample. The limit of detection for this method has not been determined.

Sample ID	Lab Number	Sample Description		
1	00000000	White Plaster		
<i>Point Count Results:</i>		<i>Gravimetry Results:</i>		
Number of asbestos points counted:	2	Organic weight percentage:	10.72	
Number of non-empty points:	1000	Acid-soluble weight percentage:	12.45	
Percent asbestos in layer:	0.15	Residual weight percentage:	76.82	
Analytical sensitivity (%):	0.08			
Asbestos type(s) detected:	Chrysotile			
Comment:				
2	00000000	White Plaster		
<i>Point Count Results:</i>		<i>Gravimetry Results:</i>		
Number of asbestos points counted:	3	Organic weight percentage:	10.29	
Number of non-empty points:	1000	Acid-soluble weight percentage:	12.85	
Percent asbestos in layer:	0.23	Residual weight percentage:	76.85	
Analytical sensitivity (%):	0.08			
Asbestos type(s) detected:	Chrysotile			
Comment:				

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3	00000000	White Plaster
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Point Count Results:

Number of asbestos points counted: 2
 Number of non-empty points: 1000
Percent asbestos in layer: 0.15
 Analytical sensitivity (%): 0.08
 Asbestos type(s) detected: Chrysotile

Gravimetry Results:

Organic weight percentage: 10.57
 Acid-soluble weight percentage: 13.61
 Residual weight percentage: 75.82

Comment:

Laboratory Supervisor, Hayward Laboratory

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