

Bulk Asbestos Testing Report

Report Date: November 21, 2023

Customer Name: Prairie Environmental - PE062323

Sample Address: Logan

Work Order Number: D1411

Reviewed by:
Shannon Ens
Laboratory Manager



QUALITY CONTROL MEASURES

<u>Quality Control</u>	<u>Frequency</u>	<u>Passing Indicator</u>
Method Blank	One per batch	N/A
Batch Sample	Duplicate 10% of samples	Matching result of duplicated sample
Reference Material	One per batch	Matching result of known value

N/A indicates the method blank did not show any fibre contamination. <1% indicates that no fibres were observed during analysis and may require TEM from a sourced company of the client's choice. Our test method is semi-quantitative and we report ranges above 1% such as:

1-5%, 5-10%, 10-25%, 25-50%, 50-75% and 75-99%

All Refractive Indexes used were determined by "Rapidly and Accurately Determining Refractive Indices of Asbestos Fibers by using Dispersion Staining Method by S-C. Su.."

Refractive Index Lot # used during analysis:

RI 1.550 : 0922 RI-1550-4 RI 1.605: 0922 RI-1605-2 RI 1.680: 0822 RI-1680-2 RI 1.630: 1022 RI-1630-1

The quality of samples are out of the control of the laboratory and the samples are analyzed as received. The quality of the samples are not in the laboratory control and received in the quality of which the client submits them. Sample quality and quantity must be efficient otherwise validity of results could be affected. The laboratory is not responsible for the quality or quantity of the samples which have been submitted. We are not legally responsible for results of any samples after analysis or what situations may arise after analysis. All samples are tested with the current approved method as per NIOSH 9002. Samples are only retained for 30 days and after the 30 day period, they are disposed of safely.

Method of Analysis:

Bulk Asbestos Testing by PLM

All Laboratory analyses are tested in accordance with the below validated methods which were verified in house:
EPA/600/R-93/116 July 1993 Method for the Determination of Asbestos in Bulk Building Materials

Work Order Number	D1411		Result	LOD	Units	Analyzed
Sample Identification						
Sample Number:	Blank					
Sample Description:	Quality Control					
Sampled by:						
Matrix:	Bulk					
Bulk Asbestos Content						
Asbestos:			N/A	1	%	21-Nov-23
Non Asbestos:	Filler		100%	1	%	21-Nov-23
Sample Comments:	Quality Control Blank					
Sample Number:	-1					
Sample Description:	Tar					
Sampled by:	Prairie Environmental - PE062323					
Matrix:	Bulk (PLM)					
Bulk Asbestos Content						
Asbestos:			<1%	1	%	21-Nov-23
Non Asbestos:	Non-Asbestos Material		100%	1	%	21-Nov-23
Sample Comments:	Asbestos Not Detected by PLM as the LOD is <1%					
Tar - Parapet Wall						
Sample Number:	-2					
Sample Description:	Tar					
Sampled by:	Prairie Environmental - PE062323					
Matrix:	Bulk (PLM)					
Bulk Asbestos Content						
Asbestos:	Chrysotile		5-10%	1	%	21-Nov-23
Non Asbestos:	Non-Asbestos Material		75-99%	1	%	21-Nov-23
Sample Comments:	Sample Contains Asbestos					
Tar & Felt - Roof						
Sample Number:	-3					
Sample Description:	Tar					
Sampled by:	Prairie Environmental - PE062323					
Matrix:	Bulk (PLM)					
Bulk Asbestos Content						
Asbestos:			<1%	1	%	21-Nov-23
Non Asbestos:	Non-Asbestos Material		100%	1	%	21-Nov-23
Sample Comments:	Asbestos Not Detected by PLM as the LOD is <1%					
Tar - Roof Vent						