

# ENVIRONMENTAL ANALYSIS ASSOCIATES, INC.

306 5th Street, Suite 2A - Bay City, MI 48708



## LABORATORY REPORT

### SEM / DISPERSIVE X-RAY ANALYSIS

#### *Bulk Dust / Particle Analysis*

**Report prepared for : ABC Environmental**

Client Project # : 21-500  
Project Description : UICC Standard analysis  
EAA Project # : 21-3100

Samples Collected : 1/15/21  
Samples received : 1/17/21  
Date of Analysis : 1/20/21

Authorized / data reviewed by : *Joseph R. Heintskill*

Joseph R. Heintskill  
Laboratory Manager

The EAA sample results are only applicable to the items tested and locations as received. Sample descriptions and volumetric data are provided by the client. All particle concentrations are rounded to 3 significant figures. In order for chart clarity, cells where the particle category was not detected are intentionally left blank.

Environmental Analysis Associates, Inc. (EAA) shall not be liable to the client or the client's customer with respect to interpretation, recommendations made or actions implemented by either the client or the client's customer as a result of or based upon the test results.

All samples were received in acceptable condition unless noted in the General Comments section of the data report.



**QUALITATIVE BULK SEM / X-RAY ANALYSIS**

**Method: Bulk-SEM-01**

Client Name : ABC Environmental

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Client Project # : 21-500

(end of data report)

Requested by : Mr. John Doe

Project Description : UICC Standard analysis

Client Sample # : 21-500

Client sample description: UICC Bulk Chrysotile asbestos standard

EAA Project # : 21-3100

EAA Sample # : 3100-1

Sample collected : 1/15/21

Sample received : 1/17/21

Sample media: Bulk asbestos standard

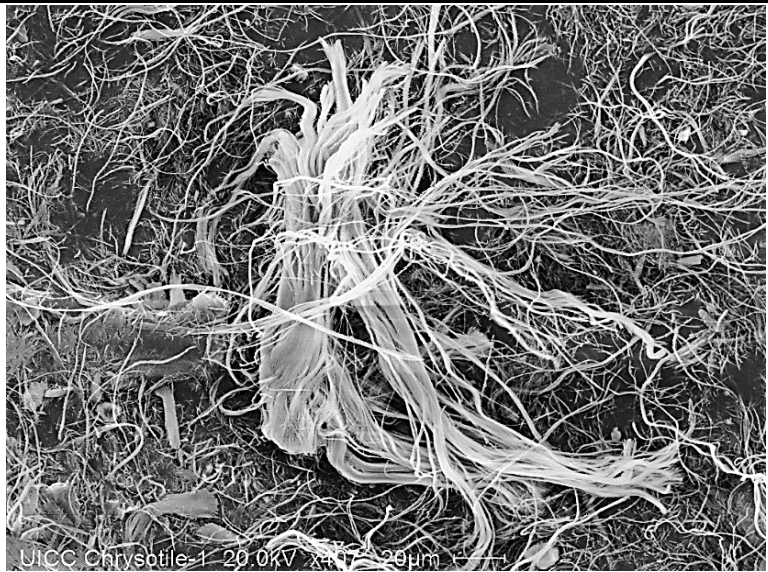
Instrumentation:

Cambridge S-240 SEM equipped with an Edax Octane SDD X-ray system

**SUMMARY CONCLUSIONS**

Sample is a UICC Chrysotile Asbestos Standard

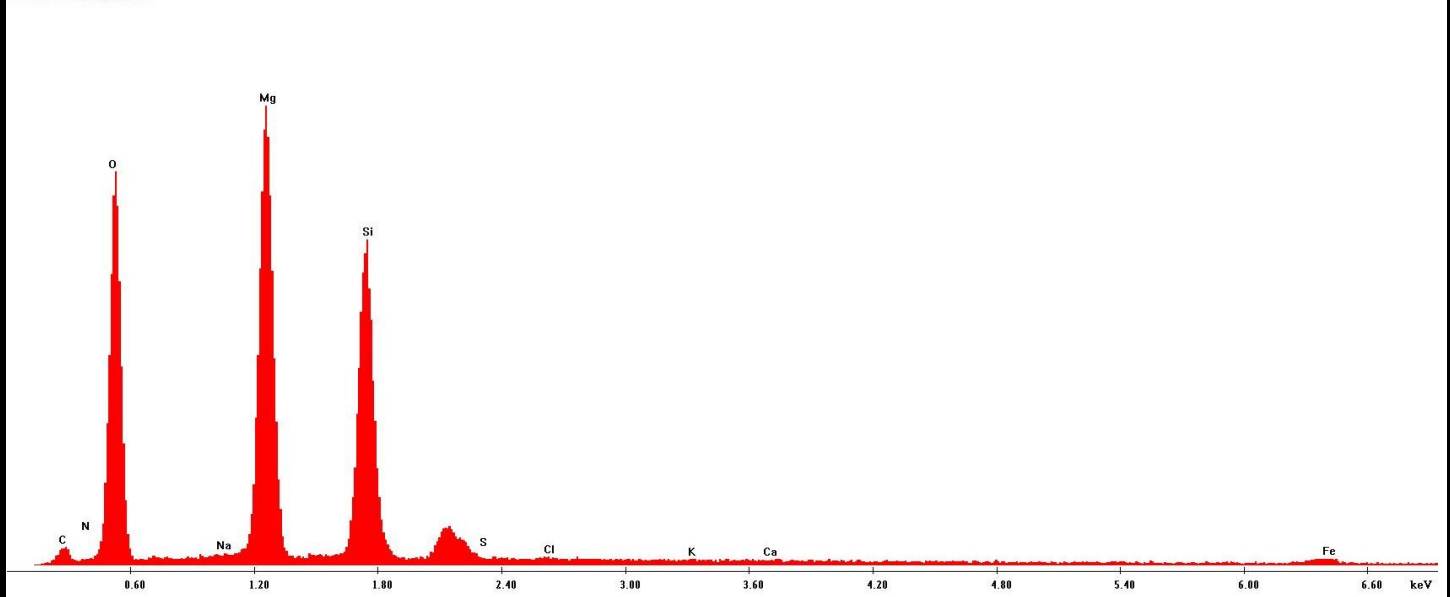
Element	X-ray spectra #			Ave.Wt.%
	1	2	3	
C	9.1			9.1%
N	1.5			1.5%
O	41.6			41.6%
Na	0.3			0.3%
Mg	24.9			24.9%
Al				
Si	20.7			20.7%
S	0.2			0.2%
Cl	0.2			0.2%
K	0.1			0.1%
Ca	0.1			0.1%
Ti				
Fe	1.5			1.5%
Zn				
Total				100%



SEM Acceleration voltage : 20kv

**X-ray Spectra**

Label A: UICC Chrysotile-1



Authorized / data reviewed by : Daniel M. Baxter

Analyst initials : jrh

Report date : 1/21/21

Date analyzed : 1/20/21

Note: Sample results are only applicable to the items or locations tested