

Bulk Asbestos Round 123
 Proficiency Testing Performance for Participant ID: PAT-100324

 Page 1 of 2
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This report contains your organization's Bulk Asbestos Proficiency Analytical Testing results for **BAPAT Round 123**. It is the participant's responsibility to thoroughly review the information in this final report and to immediately contact the AIHA Proficiency Analytical Testing Programs, in writing, if any errors are found.

Bulk Asbestos Results

The final report is comprised of two sections relating to BAPAT Round 123. The first section contains your organization's results listed per analyte, per sample. The second section contains your current performance and performance from the two previous rounds, respectively (where applicable). Summary results for all participants for BAPAT Round 123 are located in a separate report.

Testing Results for BAPAT Round 123

This part of the report contains your organization's results listed per analyte, per sample.

Sample Number	Material Classification	Material Type	%	Expected Asbestos Type	Lower Limit %	Upper Limit %	Penalty Points
1	Asbestos Fiber (1)	AMOS	13	AMOS	0	13	0
	Asbestos Fiber (2)	CHRY	6	CROC	0	8	20
	Asbestos Fiber (3)	CROC	4	CHRY		5	0
	Nonfibrous Material (1)	OTHR	77				
	Nonfibrous Material (2)	NONE	0				
	Other Fibrous Material (1)	NONE	0				
	Other Fibrous Material (2)	NONE	0				
						Sample 1 Penalty Points	20
2	Asbestos Fiber (1)	AMOS	18	AMOS	1	22	0
	Asbestos Fiber (2)	NONE	0	CHRY			0
	Asbestos Fiber (3)	NONE	0	NONE			0
	Nonfibrous Material (1)	OTHR	82				
	Nonfibrous Material (2)	NONE	0				
	Other Fibrous Material (1)	NONE	0				
	Other Fibrous Material (2)	NONE	0				
						Sample 2 Penalty Points	0
3	Asbestos Fiber (1)	NONE	0	NONE			0
	Asbestos Fiber (2)	NONE	0	NONE			0
	Asbestos Fiber (3)	NONE	0	NONE			0
	Nonfibrous Material (1)	OTHR	30				
	Nonfibrous Material (2)	NONE	0				
	Other Fibrous Material (1)	FBGL	40				
	Other Fibrous Material (2)	CELL	30				
						Sample 3 Penalty Points	0
4	Asbestos Fiber (1)	CHRY	0	CHRY	0	3	0
	Asbestos Fiber (2)	NONE	0	NONE			0
	Asbestos Fiber (3)	NONE	0	NONE			0
	Nonfibrous Material (1)	OTHR	100				
	Nonfibrous Material (2)	NONE	0				
	Other Fibrous Material (1)	NONE	0				
	Other Fibrous Material (2)	NONE	0				
						Sample 4 Penalty Points	0
Total Penalty Points							20

Statistical Analysis Interpretation Note:

Acceptable Quantitation Range (%) is defined by the Lower Limit % and the Upper Limit % and is determined by the performance of expert laboratories. The final acceptance range spans from the lower of the two method-specific minimum tolerance interval values to the higher of the two method-specific maximum tolerance interval values. A scorable trace amount of asbestos is indicated as Lower Limit "0" and Upper Limit "0". For the purpose of scoring, it is required that trace levels of asbestos be indicated by a value of "0", where a participant laboratory would normally indicate "TRA" or <1%.

The scheme uses an acceptance range based on multiple methods of analysis so there is no assigned value. Therefore, metrological traceability and uncertainty are not determined.

Material Type Abbreviations

Asbestos Types: ACTN/TREM = Actinolite/Tremolite; AMOS = Amosite; ANTH = Anthophyllite; CHRY = Chrysotile; CROC = Crocidolite; NONE = No asbestos present

Other Fibrous Material: CELL = Cellulose; OTHR = Other; FBGL = Fiberglass/mineral wool; SYNT = Synthetic; WALL = Wollastonite; NONE = No non-asbestos fibrous materials present

Nonfibrous Material: ACID = acid-soluble fraction, including but not limited to, calcite, dolomite, gypsum, magnesite, hydromagnesite, anhydrite, and basanite; MICA = Micaceous material including vermiculite; OTHR = Other; NONE = No nonfibrous material present

Technical Comment: Sample 1: Chrysotile is not a required asbestos type due to an inhomogeneous distribution in the samples.

Overall Performance Summary Concluding with BAPAT Round 123

The following table contains your organization's current and two previous test rounds performance respectively (where applicable). For more information in regard to the determination of proficiency, please visit: www.aihapat.org.

Round	Penalty Points	Round Performance	Proficiency Status - Three Round Score
121	20	PASS	
122	0	PASS	
123	20	PASS	PROFICIENT

Interpretation Notes:

Pass: Round Score less than 100 points

Fail: Round Score greater than or equal to 100 points

Indeterminate: Not enough rounds to determine proficiency

A participant is rated proficient for BAPAT if the participant has a passing score for two (2) of the last three (3) consecutive PT rounds. A participant is rated non-proficient if the participant has failing scores for two (2) of the last three (3) consecutive PT rounds.

Additional information on the following items are available in the Bulk Asbestos Scheme Plan:

Procedures used to statistically analyze the data, establish the assigned value for proficiency assessment, or other criteria for evaluation; details measurement uncertainty of the assigned value; information about design and implementation of PT scheme. The Bulk Asbestos Scheme Plan is available in the PAT Portal.

Participants shall not describe their proficiency status in a manner that implies accreditation, certification or variations thereof. PAT results pertain only to the participant organization at the location listed on this results report. AIHA PAT Programs makes every effort to ensure that individual participant results are kept confidential and are not made public. Round results are only released to the participant and those entities requiring this information for accreditation, regulatory and contract purposes. New participants are made aware of the arrangement in advance of participation and consent is sought prior to the release of records for participants. PAT reports may not be reproduced or distributed unless copied in its entirety.

BAPAT samples are generated, verified, packaged, and shipped by RTI International under contract with AIHA Proficiency Analytical Testing Programs. Unless otherwise noted, sample homogeneity and stability criteria were satisfied for all samples.

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