

American Industrial Hygiene Association
Bulk Asbestos Proficiency Analytical Testing Program
Results of Round A109-416
1/9/2017

John Herrock
 University of Louisiana, Monroe - Dept of Toxicology
 700 University Ave.
 Monroe, LA 71209
 UNITED STATES

Laboratory ID Number
 213022

Total Penalty Points 20
 Round Status P
 Program Status P
 Less than 100 penalty points required to pass the round
 Passing 2 of the last 3 rounds required for Program Proficiency

Lot Designation/Sample ID Numbers	A) 1691	B) 3696	C) 6007	D) 3084
Analysis Results from Laboratory	213022			
Asbestos (%)	CHRY (29)	CHRY (2)	NONE	NONE
Other Fibrous Materials (%)	CELL (20)	CELL (23)	CELL (29)	
			FBGL (10)	
Nonfibrous Material (%)	OTHR (43)	ACID (55)	OTHR (42)	ACID (80)
	ACID	OTHR	ACID	OTHR
Penalty Points Assessed	20	0	0	0
Analysis Results from Reference Laboratory One				
Asbestos (%)	CHRY (65)	CHRY (4)	NONE	NONE
Other Fibrous Materials (%)	CELL (25)	CELL (20)	CELL (30)	
			FBGL (20)	
Nonfibrous Material (%)	OTHR * ₁ (10)	PERL (5)	PERL (35)	OTHR * ₂ (35)
		OTHR * ₃ (5)	OTHR * ₄ (13)	OTHR * ₅ (65)
		OTHR * ₆ (66)	OTHR * ₇ (2)	
Analysis Results from Reference Laboratory Two				
Asbestos (%)	CHRY (55)	CHRY (3)	NONE	NONE
Other Fibrous Materials (%)	CELL (21)	CELL (18)	FBGL (55)	
			CELL (30)	
Nonfibrous Material (%)	OTHR * ₈ (9)		OTHR * ₉ (15)	OTHR * ₁₀ (TRA)
	OTHR * ₁₁ (15)	OTHR * ₁₂ (57)		OTHR * ₁₃ (73)
		OTHR * ₁₄ (22)		OTHR * ₁₅ (27)
Analysis Results from RTI International				
Asbestos (%)	CHRY (50)	CHRY (2)	NONE	TREM (Tra)
Other Fibrous Materials (%)	CELL (16)	CELL (28)	CELL (28)	
			FBGL (20)	
Nonfibrous Material (%)	OTHR * ₁₆ (34)	OTHR * ₁₇ (32)	OTHR * ₁₈ (26)	CACO (87)
		OTHR * ₁₉ (38)	OTHR * ₂₀ (26)	OTHR * ₂₁ (11)
				OTHR * ₂₂ (2)
Acceptable Quantitation Range (%)	CHRY (30-78)	CHRY (TRA-5)	NONE	NONE ACTN/TREM (TRA)
Summary of Results from all Laboratories				
Type One Asbestos	CHRY	CHRY	NONE	NONE
Type One Mean	54.8	3.8	0.0	0.0
Type Two Asbestos				ACTN/TREM
Type Two Mean				0.5
Type Three Asbestos				
Type Three Mean				
Other Asbestos Types Reported in Sample	ACTN, ANTH, AMOS, TREM	ACTN, ANTH, AMOS, TREM	ANTH, AMOS, CHRY, TREM	AMOS, CHRY
ACTN=Actinolite	CROC=Crocidolite	MICA=Micaceous Material	FBGL=Fiberglass/Mineral Wool	
AMOS=Amosite	TREM=Tremolite	WOLL=Wollastonite	ACID = acid-soluble fraction, including but not limited to, calcite, gypsum, dolomite, magnesite, hydromagnesite, anhydrite, and bassanite<	
ANTH=Anthophyllite	CELL=Cellulose	OTHR=Other		
CHRY=Chrysotile	SYNT=Synthetic	TRA=Trace		

Round Status: P=Pass F=Fail TE = Temporarily Excused

Program Status: P=Proficient NP=Nonproficient I = Indeterminate

Footnotes explaining "OTHR" materials identified during sample analysis:

- | | | |
|-------------------------------|---|--|
| *1 Binder / acc. minerals | *9 Perlite, clay, and pigment | *17 Perlite, quartz, clay, and pigments |
| *2 Calcite aggregate | *10 Tremolite cleavage fragments | *18 Perlite, quartz, clays, and paint pigments |
| *3 Quartz aggregate | *11 Insoluble binders and unidentified matrix | *19 Acid-soluble binder |
| *4 Binder | *12 Calcareous matrix | *20 Acid-soluble binder |
| *5 Vinyl binders and pigments | *13 Calcareous mineral matrix | *21 Vinyl matrix |
| *6 Calcareous binder | *14 Quartz, feldspars, clay, perlite, mica | *22 Pigments, quartz, and mica |
| *7 Paint | *15 Organic binder, pigment and clay | |
| *8 Calcareous binders | *16 Opaques, quartz, and acid-soluble binders | |