

**American Industrial Hygiene Association
Bulk Asbestos Proficiency Analytical Testing Program
Results of Round A104-315
10/8/2015**

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Laboratory ID Number
213022

Total Penalty Points 20
Round Status P
Program Status P

Lot Designation\Sample ID Numbers	A) 7505	B) 4002	C) 2367	D) 4174
Analysis Results from Laboratory Number 213022				
Asbestos (%)	CHRY (2)	CHRY (5)	NONE	AMOS(18) CHRY (9)
Other Fibrous Materials (%)			CELL (30)	
Nonfibrous Material (%)	OTHR (59) MICA (20)	MICA (40) ACID (34)	OTHR (65)	ACID (55) OTHR (18)
Penalty Points Assessed	0	0	0	20
Analysis Results from Reference Laboratory One				
Asbestos (%)	CHRY (1)	CHRY (2)	NONE	AMOS(7.8) CHRY (2.8)
Other Fibrous Materials (%)		CELL (tr)	CELL (35)	
Nonfibrous Material (%)	OTHR *1 (99)	MICA (38) CASO (50) OTHR *2 (10)	PERL (60) OTHR *3 (5)	OTHR *4(89.4)
Analysis Results from Reference Laboratory Two				
Asbestos (%)	CHRY (1.5)	CHRY(1.25)	NONE	AMOS(7.5) CHRY (1.5)
Other Fibrous Materials (%)			CELL (32)	
Nonfibrous Material (%)	OTHR *5 (60) OTHR *6(38.5)	OTHR *7 (28) OTHR *8(38.75) OTHR *9 (32)	OTHR *10 (68)	OTHR *11 (53) OTHR *12 (38)
Analysis Results from RTI International				
Asbestos (%)	CHRY (1)	CHRY (3)	NONE	AMOS (8) CHRY (1)
Other Fibrous Materials (%)	NONE	CELL	CELL (30)	
Nonfibrous Material (%)	OTHR *13 (62) OTHR *14 (36) CASO (1)	OTHR *15 (66) OTHR *16 (31)	OTHR *17 (70)	OTHR *18 (24) OTHR *19 (67)
Acceptable Quantitation Range (%)	CHRY(TRA-3)	CHRY(TRA-7)	NONE	AMOS(TRA-27) CHRY(TRA-6)
Summary of Results from all Laboratories				
Type One Asbestos	CHRY	CHRY	NONE	AMOS
Type One Mean	2.4	2.4	0.0	18.2
Type Two Asbestos				CHRY
Type Two Mean				3.5
Type Three Asbestos				
Type Three Mean				
Other Asbestos Types Reported in Sample	ACTN, ANTH, AMOS, CROC	ACTN, ANTH, AMOS, CROC, TREM	ANTH, AMOS, CHRY, CROC	ACTN, ANTH, CHRY, CROC
ACTN=Actinolite	CHRY=Chrysotile	CELL=Cellulose	CACO=Calcium Carbonate (Calcite)	
AMOS=Amosite	CROC=Crocidolite	FBGL=Fiberglass/Mineral Wool	CASO=Calcium Sulfate (Gypsum)	
ANTH=Anthophyllite	TREM=Tremolite	SYNT=Synthetic	MICA=Micaceous Material	
			OTHR=Other	
			TRA=Trace	
P=Proficient	NP=Nonproficient	I=Incomplete		

Footnotes explaining "OTHR" materials identified during sample analysis:

- *1 mica-clay-rubber matrix
- *2 paint
- *3 binder / acc. mins.
- *4 gypsum/carbonate binder
- *5 rubber in ash
- *6 pigments, clay, gypsum, unidentified matrix
- *7 calcareous matrix in acid
- *8 muscovite, clay, quartz, TiO₂,
- *9 talc
- *10 perlite, clay, quartz
- *11 TiO₂, unidentified matrix/binder
- *12 calcareous matrix in acid
- *13 Rubber matrix
- *14 Clay and pigments
- *15 Quartz, talc, mica, clay, and paint pigments
- *16 Acid soluble binder
- *17 Perlite, quartz, and clay
- *18 Acid soluble binders
- *19 Silica, clay, and insoluble binder