

American Industrial Hygiene Association
Bulk Asbestos Proficiency Analytical Testing Program
Results of Round A105-415
1/5/2016

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Laboratory ID Number
 213022

Total Penalty Points 0
 Round Status P
 Program Status P

Lot Designation/Sample ID Numbers	A) 5975	B) 1646	C) 1653	D) 7238
Analysis Results from Laboratory Number	213022			
Asbestos (%)	CHRY (7) CROC (5)	NONE	NONE	CHRY (7)
Other Fibrous Materials (%)		CELL (11) FBGL (2)	CELL (10)	
Nonfibrous Material (%)	ACID (71) OTHR (17)	ACID (50) MICA (37)	OTHR (66) OTHR (24)	ACID (55) OTHR (38)
Penalty Points Assessed	0	0	0	0
Analysis Results from Reference Laboratory One				
Asbestos (%)	CHRY (9) CROC (4)	NONE	NONE	CHRY (2.8)
Other Fibrous Materials (%)		CELL (12) FBGL (4)	OTHR *1 (30)	
Nonfibrous Material (%)	OTHR *2 (87)	MICA (40) OTHR *3 (44)	OTHR *4 (70)	OTHR *5(97.2)
Analysis Results from Reference Laboratory Two				
Asbestos (%)	CHRY (3) CROC (3.5)			CHRY (2.5)
Other Fibrous Materials (%)		CELL (10) FBGL (5)		
Nonfibrous Material (%)	OTHR *6(93.5)	OTHR *7 (45) OTHR *8 (30) OTHR *9 (10)	OTHR *10 (68) OTHR *11 (32)	OTHR *12(44.5) OTHR *13 (53)
Analysis Results from RTI International				
Asbestos (%)	CHRY (3) CROC (4)	NONE	CHRY (Tra)	CHRY (4)
Other Fibrous Materials (%)		CELL (10) FBGL (10)	OTHR *14 (73)	
Nonfibrous Material (%)	CACO (43) OTHR *15 (50)	OTHR *16 (24) CACO (56) OTHR *17 (Tra)	OTHR *18 (27) OTHR *19 (Tra)	OTHR *20 (96)
Acceptable Quantitation Range (%)	CHRY(TRA-15) CROC(TRA-11)	NONE	NONE	CHRY(TRA-10)
Summary of Results from all Laboratories				
Type One Asbestos	CHRY	NONE	NONE	CHRY
Type One Mean	15.8	0.0	0.0	6.2
Type Two Asbestos	CROC			
Type Two Mean	8.3			
Type Three Asbestos				
Type Three Mean				
Other Asbestos Types Reported in Sample	ACTN, ANTH, AMOS, TREM	ACTN, AMOS, CHRY, TREM	ACTN, AMOS, CHRY, CROC, TREM	ACTN, ANTH, AMOS, TREM
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 cellulose/hair | *8 vermiculite | *15 Quartz, opaques, and pigments |
| *2 carbonate cement | *9 matrix | *16 Vermiculite |
| *3 gypsum/carbonate | *10 cellulose in ash, with asphaltic material | *17 Quartz, opaques, and wollastonite |
| *4 gravel/mica-asphalt-tar | *11 quartz, aggregate, unidentified minerals, clay | *18 Aggregate mineral, mica, and quartz |
| *5 calcareous binder | *12 calcareous material in acidified portion | *19 Tremolite cleavage fragments |
| *6 cement, quartz, clay, unidentified matrix material | *13 rutile, silica, clay, unidentified matrix/binder | *20 Calcite, gypsum, calcium silicate, quartz, and paint pigments |
| *7 calcareous material in acidified portion | *14 Cellulose, synthetic fiber and tar matrix | |