

American Industrial Hygiene Association
Bulk Asbestos Proficiency Analytical Testing Program
Results of Round A102-115
4/10/2015

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Laboratory ID Number
 213022

Total Penalty Points 0
 Round Status P
 Program Status P

Lot Designation\Sample ID Numbers	A) 2135	B) 5382	C) 3313	D) 9324
Analysis Results from Laboratory Number 213022				
Asbestos (%)	CHRY (60)	NONE	CHRY (8)	TREM(10)
Other Fibrous Materials (%)	CELL (10)	FBGL (80) CELL (3)		
Nonfibrous Material (%)	ACID (6) OTHR (5)	ACID (17)	OTHR (75) ACID (10)	ACID (63) MICA (20)
Penalty Points Assessed	0	0	0	0
Analysis Results from Reference Laboratory One				
Asbestos (%)	CHRY (75)	NONE	CHRY (6.3)	ACTN (1.8)
Other Fibrous Materials (%)	CELL (20)	FBGL (80) CELL (3)	CELL (0.7)	CELL (0.2)
Nonfibrous Material (%)	OTHR *1 (5)	OTHR *2 (2) OTHR *3 (15)	MICA (10) OTHR *4 (25) OTHR *5 (58)	MICA (30) OTHR *6 (68)
Analysis Results from Reference Laboratory Two				
Asbestos (%)	CHRY (70)	NONE	CHRY (2.5)	ACTN (2)
Other Fibrous Materials (%)	CELL (10)	FBGL (90)		
Nonfibrous Material (%)	OTHR *7 (20)	OTHR *8 (10)	PERL (77.5) OTHR *9 (20)	OTHR *10 (78) OTHR *11 (20)
Analysis Results from RTI International				
Asbestos (%)	CHRY (57)	TREM(TRA)	CHRY (3)	ACTN (2)
Other Fibrous Materials (%)	OTHR *12 (13)	OTHR *13 (75)	CELL (10) OTHR *14(TRA)	
Nonfibrous Material (%)	CACO (14) OTHR *15 (16)	OTHR *16 (16) OTHR *17 (9)	OTHR *18 (20) OTHR *19 (67)	MICA (18) OTHR *20 (10) OTHR *21 (70)
Acceptable Quantitation Range (%)	CHRY(2-97)	NONE	CHRY(TRA-11)	ACTN(TRA-12)
Summary of Results from all Laboratories				
Type One Asbestos	CHRY	NONE	CHRY	ACTN
Type One Mean	50.6	0.0	4.7	7.1
Type Two Asbestos				
Type Two Mean				
Type Three Asbestos				
Type Three Mean				
Other Asbestos Types Reported in Sample	ANTH, AMOS, TREM	AMOS, CHRY, TREM	ACTN, ANTH, AMOS, TREM	ANTH, AMOS, CHRY, 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:

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| *1 acc. mins. and binders | *8 gypsum, anhydrite, quartz, pigment | *15 Opaques, accessory minerals and quartz |
| *2 foil/paint surface | *9 binders, clay, quartz | *16 Organic binders |
| *3 starch-talc binders | *10 calcareous binder, quartz, polystyrene | *17 Paint and foil |
| *4 perlite/quartz sand | *11 vermiculite | *18 Calcite and gypsum binders |
| *5 carbonate/gypsum binder/paint | *12 Cellulose and organic binder | *19 Perlite, quartz, mica, opaques, and pigments |
| *6 carbonate/gyps binder | *13 Mineral wool | *20 Quartz and polyethylene |
| *7 clay, lizardite, opaques, quartz, binders | *14 Talc | *21 Calcite and dolomite binders and paint |