

American Industrial Hygiene Association
Bulk Asbestos Proficiency Analytical Testing Program
Results of Round A107-216
7/7/2016

John Herrock	Laboratory ID Number	Total Penalty Points	0
University of Louisiana, Monroe - Dept of Toxicology	213022	Round Status	P
700 University Ave.		Program Status	P
Monroe, LA 71209			
UNITED STATES			

Lot Designation\Sample ID Numbers	A) 6691	B) 3562	C) 3143	D) 2944
Analysis Results from Laboratory Number 213022				
Asbestos (%)	NONE	NONE	AMOS (4) CROC (2)	CHRY (6)
Other Fibrous Materials (%)	FBGL (95)	CELL (14)	SYNT (47) FBGL TRA	
Nonfibrous Material (%)	OTHR (5)	OTHR (50) ACID (34)	ACID (41) MICA (6)	ACID (48) MICA (25)
Penalty Points Assessed	0	0	0	0
Analysis Results from Reference Laboratory One				
Asbestos (%)	NONE	NONE	AMOS (9.8) CROC (2.2) CHRY (0.8)	CHRY (6.0)
Other Fibrous Materials (%)	FBGL (99) CELL (1)	CELL (45)	CELL (0.2)	
Nonfibrous Material (%)		OTHR *1 (54) OTHR *2 (1) OTHR *3 (tr)	CACO (87)	OTHR *4 (35) OTHR *5 (59)
Analysis Results from Reference Laboratory Two				
Asbestos (%)	NONE	NONE	AMOS (8.5) CROC (1.5) CHRY (0.5)	CHRY (6.5)
Other Fibrous Materials (%)				
Nonfibrous Material (%)	OTHR *6 (100)	OTHR *7 (15) OTHR *8 (85)	OTHR *9 (86) OTHR *10 (3.5)	OTHR *11 (21) OTHR *12 (64.5) OTHR *13 (8)
Analysis Results from RTI International				
Asbestos (%)	NONE	NONE	AMOS (7) CROC (3) CHRY (trace)	CHRY (6)
Other Fibrous Materials (%)	FBGL (99) CELL (1)	CELL (13)		
Nonfibrous Material (%)	QTZ (trace)	OTHR *14 (38) OTHR *15 (49)	OTHR *16 (89) OTHR *17 (1)	OTHR *18 (13) OTHR *19 (68) OTHR *20 (13)
Acceptable Quantitation Range (%)				
	NONE	NONE	AMOS (TRA-20) CROC (TRA-10) CHRY (TRA-2)	CHRY (1-10)
Summary of Results from all Laboratories				
Type One Asbestos	NONE	NONE	AMOS	CHRY
Type One Mean	0.0	0.0	11.6	4.2

Type Two Asbestos				CROC	
Type Two Mean				4.7	
Type Three Asbestos				CHRY	
Type Three Mean				4.9	
Other Asbestos Types Reported in Sample		ANTH, AMOS, CHRY, TREM	ACTN, AMOS, CHRY, CROC, TREM	ACTN, ANTH, TREM	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 quartz/carbonate cement | *8 quartz, feldspar, gypsum, cement, clay | *15 Quartz and paint |
| *2 paint | *9 calcareous material acidified | *16 Hydromagnesite |
| *3 tremolite cleavage fragments in paint only | *10 unidentified matrix/binder | *17 Quartz and opaques |
| *4 calcite/quartz aggregate | *11 vinyl, ashable | *18 Vinyl binder and tar mastic |
| *5 vinyl binders / pigments | *12 calcareous material acidified | *19 Dolomite and calcite |
| *6 slag wool | *13 TiO ₂ , clay, unidentified material | *20 Rutile and quartz |
| *7 cellulose in ash | *14 Calcium silicate and calcium carbonate | |