

American Industrial Hygiene Association
Bulk Asbestos Proficiency Analytical Testing Program
Results of Round A99-214
7/9/2014

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

Lot Designation\Sample ID Numbers	A) 3391	B) 2236	C) 9383	D) 9038
Analysis Results from Laboratory Number	213022			
Asbestos (%)	AMOS (8)	CHRY(90)	AMOS(20)	NONE
Other Fibrous Materials (%)	FBGL (47)	SYNT (10)		
Nonfibrous Material (%)	ACID (23) OTHR(10)		ACID (46) MICA (30)	MICA (17)
Penalty Points Assessed	0	0	0	0
Analysis Results from Reference Laboratory One				
Asbestos (%)	AMOS (4.3)	CHRY (89)	AMOS(13.8) CHRY (0.3)	NONE
Other Fibrous Materials (%)	FBGL (82) CELL (0.7)	SYNT (10) CELL (0.5)	CELL (0.9)	
Nonfibrous Material (%)	OTHR * ₁ (12) OTHR * ₂ (1)	OTHR * ₃ (0.5)	CACO (85)	OTHR * ₄ (35) OTHR * ₅ (65)
Analysis Results from Reference Laboratory Two				
Asbestos (%)	AMOS (3.5)	CHRY (90)	AMOS (7.5)	NONE
Other Fibrous Materials (%)	FBGL (90)	OTHR * ₆ (1)		OTHR * ₇ (0)
Nonfibrous Material (%)	OTHR * ₈ (6.5)	OTHR * ₉ (9)	OTHR * ₁₀ (33.5) OTHR * ₁₁ (59)	OTHR * ₁₂ (70) OTHR * ₁₃ (22) OTHR * ₁₄ (8)
Analysis Results from RTI International				
Asbestos (%)	AMOS (5)	CHRY (83)	AMOS (8) CHRY (0)	NONE
Other Fibrous Materials (%)	FBGL (82)	CELL (2) SYNT (13)		OTHR * ₁₅ (0)
Nonfibrous Material (%)	OTHR * ₁₆ (13)	OTHR * ₁₇ (2)	OTHR * ₁₈ (46) OTHR * ₁₉ (46)	CACO (71) OTHR * ₂₀ (26) OTHR * ₂₁ (3)
Acceptable Quantitation Range (%)	AMOS(TRA-20)	CHRY(75-95)	AMOS(TRA-30) CHRY (TRA-1)	NONE

Summary of Results from all Laboratories

Type One Asbestos	AMOS	CHRY	AMOS	
Type One Mean	5.2	82.9	16.3	
Type Two Asbestos			CHRY	
Type Two Mean			8.6	
Type Three Asbestos				
Type Three Mean				
Other Asbestos Types Reported in Sample	ACTN,ANTH,CHRY, CROC,TREM	AMOS, CHRY	ACTN, ANTH, CROC, TREM	ACTN, AMOS, CHRY, TREM

ACTN=Actinolite	CHRY=Chrysotile	CELL=Cellulose	ACID = acid-soluble fraction, including but not limited to, calcite, gypsum, dolomite, magnesite, hydromagnesite, anhydrite, and bassanite MICA=Micaceous Material OTHR=Other TRA=Trace
AMOS=Amosite	CROC=Crocidolite	FBGL=Fiberglass/Mineral	
ANTH=Anthophyllite	TREM=Tremolite	Wool	
		SYNT=Synthetic	

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

Program Status: P=Proficient NP=Nonproficient NA = Not Applicable

Footnotes explaining "OTHR" materials identified during sample analysis:

- | | | |
|---------------------------------|--------------------------------|------------------------------------|
| *1 binders | *8 pigments, clay, and binders | *15 Tremolite cleavage fragments |
| *2 paint | *9 clay, binders, glue | *16 Unspecified binder and paint |
| *3 accessory mins | *10 acid-soluble matrix | *17 Unspecified binder and opaques |
| *4 calcite aggregate | *11 unidentified matrix, clay | *18 Calcareous binder |
| *5 vinyl binders, pigments | *12 acid-soluble matrix | *19 Unspecified binder |
| *6 viscose | *13 vinyl binder | *20 Vinyl binder |
| *7 amphibole cleavage fragments | *14 clay and pigments | *21 Pigments, quartz, and mica |