

**American Industrial Hygiene Association
Bulk Asbestos Analytical Testing Program
Results of Round A73-407
1/15/2008**

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CANADA

Laboratory ID Number
149340

Total Penalty Points 0
Round Status P
Program Status P

Lot Designation\Sample ID Numbers	A) 1751	B) 2532	C) 2533	D) 7638
Analysis Results from Laboratory Number 149340				
Asbestos (%)	CHRY (21) CROC (4) NONE (0)	CHRY (20) NONE (0) NONE (0)	AMOS (11) NONE (0) NONE (0)	NONE (0) NONE (0) NONE (0)
Other Fibrous Materials (%)	NONE (0) NONE (0)	NONE (0) NONE (0)	FBGL (60) CELL (8)	CELL (3) FBGL (1)
Nonfibrous Material (%)	ACID (43)	ACID (65)	ACID (65)	ACID (57)
Penalty Points Assessed	0	0	0	0

Analysis Results from Reference Laboratory One				
Asbestos (%)	CHRY (12) CROC (3)	CHRY (15)	AMOS (7)	
Other Fibrous Materials (%)			FBGL (55) CELL (15)	CELL (8) FBGL (3)
Nonfibrous Material (%)	ACID (85)	ACID (85)	OTHR (23)	ACID (45) MICA (44)

Analysis Results from Reference Laboratory Two				
Asbestos (%)	CHRY (18) CROC (2)	CHRY (12)	AMOS (3)	
Other Fibrous Materials (%)			FBGL (90)	CELL (14) FBGL (4)
Nonfibrous Material (%)	OTHR (80)	OTHR (88)	OTHR (7)	OTHR (82)

Acceptable Quantitation Range (%)	CHRY (TRA-23) CROC (TRA-5)	CHRY (7-20)	AMOS (3-27)	
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Summary of Results from all Laboratories				
Type One Asbestos	CHRY	CHRY	AMOS	
Type One Mean	19.8	22.1	7.5	
Type Two Asbestos	CROC			
Type Two Mean	5.5			
Type Three Asbestos				
Type Three Mean				
Other Asbestos Types Reported in Sample	AMOS, ANTH	ACTN, AMOS, TREM	ANTH, CHRY	

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

Round Status: P=Pass F=Fail TE = Temporarily Excused
 Program Status: P=Proficient NP=Nonproficient NA = Not Applicable

Table 4. Distribution of Penalty Point Totals Incurred

	Total Penalty Points Incurred	Number of Laboratories
Passing Laboratories	0	77
	1 - 24	53
	25 - 49	53
	50 - 74	29
	75 - 99	5
Total Passing Laboratories		217
Failing Laboratories	100 - 124	4
	125 - 149	1
	150 - 199	1
	200 or more	2
Nonparticipants		11
Total Failing Laboratories		19
Excused Laboratories		1
Suspended Laboratories		1

Table 5. Sample Classification, Asbestos Identification, and Semiquantitation Errors, by Sample Lot

Sample Lot	Asbestos Content	Number of Errors, by Type			
		FN	FP	ID	SQ
A	+	0	----	28	127
B	+	0	----	3	100
C	+	2	----	3	13
D	-	----	3	----	----
Total Errors Incurred		2	3	34	240

FN = False Negative FP = False Positive ID = Asbestos Identification Error SQ = Semiquantitation Error