

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor - New York, NY 10010 Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

INSTR 100187

ELAP 10070

Microscope OLMP B102

Client / Project NYC BOE/M894 - 90 TRINITY PLACE, NY, NY 10006 Project No 14584-0864Analysis Date 04/11/02 Analyst E. A. CHANTEROS Batch No 20252

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
01	Color <u>Gray</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	<u>60</u> Cellulose <u>35</u> Fiberglass <u>35</u> Other <i>Synthetic, feather</i>	<u>5</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
Comments:			Q.C. ☐			
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 prep. Asbestos = 0						
02	Color <u>Gray</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	<u>35</u> Cellulose <u>40</u> Fiberglass <u>40</u> Other <i>Synthetic, Hair</i>	<u>5</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
Comments:			Q.C. ☐			
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 prep. Asbestos = 0						
03	Color <u>Gray</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	<u>50</u> Cellulose <u>45</u> Fiberglass <u>45</u> Other <i>Synthetic, feather</i>	<u>5</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
Comments:			Q.C. ☐			
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 prep. Asbestos = 0						
04	Color <u>Gray</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	<u>35</u> Cellulose <u>35</u> Fiberglass <u>35</u> Other <i>Synthetic, Hair</i>	<u>10</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
Comments:			Q.C. ☐			
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 prep. Asbestos = 0						

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL

CITY_21MC100_011533083

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor - New York, NY 10010 Phone (212) 353 - 8200, FAX (212) 353 - 3599 or 8306

NYC 9/11 10/1/02

ELAP 10070

Microscopic (HOB) 01/01/02

Client / Project NYC BOE / M 894 - 90 TRINITY PLACE NY, NY 10006 Project No 14584-0864Analysis Date 04/11/02 Analyst E. A. CARTER Batch No 20252

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Fibro Fibrous %	Grashtech (HOB) Results %
1 <u>05</u>	Color <u>Gray</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI _____ RI _____ US Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	<u>65</u> Cellulose Fiberglass _____ <u>30</u> Other <u>Synthetic</u>	<u>5</u> Mineral Fiber Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Calcinate _____ Other _____ Residue _____
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C. 15 EPA) First 4 pieces Asbestos = 0						
2 <u>06</u>	Color <u>Gray</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI _____ RI _____ US Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	<u>60</u> Cellulose Fiberglass _____ <u>35</u> Other <u>Synthetic</u>	<u>5</u> Mineral Fiber Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Calcinate _____ Other _____ Residue _____
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C. 15 EPA) First 4 pieces Asbestos = 0						
3 <u>07</u>	Color <u>Gray</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI _____ RI _____ US Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	<u>65</u> Cellulose Fiberglass _____ <u>30</u> Other <u>Synthetic</u>	<u>5</u> Mineral Fiber Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Calcinate _____ Other _____ Residue _____
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C. 15 EPA) First 4 pieces Asbestos = 0						
4 <u>08</u>	Color <u>Gray</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI _____ RI _____ US Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	<u>55</u> Cellulose Fiberglass _____ <u>40</u> Other <u>Synthetic, Hair</u>	<u>5</u> Mineral Fiber Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Calcinate _____ Other _____ Residue _____
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C. 15 EPA) First 4 pieces Asbestos = 0						

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104 East 25th Street, 10th Floor, New York, NY 10010 Phone (212) 353-8290, FAX (212) 353-3599 or 8-006

ONLINE ORDER

E-MAIL ORDER

Microscopic (HOB) (HOB)

Client / Project NYC-BOE/M 894 - 90 TRINITY PLACE, NY, NY 10006 Project No. 14584-0864Analysis Date 04/11/02 Analyst E. A. Cuatrecasas Batch No. 20252

Field No.	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non-Fibrous %	Gravimetric (HOB) Results %
09	Color <u>Gray</u>	Texture <u>F</u>	Morphology	Extinction	Chrysotile	45	Cellulose	5
Gravimetric (HOB) Required ☐	Homogeneity <u>Y</u>	Asbestos ☐ ☒	RI I	RI II	Amosite		Fiberglass	
Recommended ☐	# of Layers	Detected Yes No	US Color	Color, Flex	Other	50	Other	
Gravimetric PREP ☐	Color of Layer		Biref	Sign		<u>Synthetic Fiber</u>	Mineral Filler	
Gravimetric (HOB) PLM ☐	Comments:				O.C.		Organic Binders	
Gravimetric (HOB) TGA ☐	Method: ☐ PLM + TGA ☐ PLM ☐ TGA ☐ OTHER ☒ SCANNING OPTICAL PLM (P.C. 15 EPA)				First 4 pages Asbestos = 0		Vermiculite	
POINT COUNT RESULTS ON THE BACK							Other	

Field No.	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non-Fibrous %	Gravimetric (HOB) Results %
10	Color <u>Gray</u>	Texture <u>F</u>	Morphology	Extinction	Chrysotile	45	Cellulose	5
Gravimetric (HOB) Required ☐	Homogeneity <u>Y</u>	Asbestos ☐ ☒	RI I	RI II	Amosite		Fiberglass	
Recommended ☐	# of Layers	Detected Yes No	US Color	Color, Flex	Other	50	Other	
Gravimetric PREP ☐	Color of Layer		Biref	Sign		<u>Synthetic Fiber</u>	Mineral Filler	
Gravimetric (HOB) PLM ☐	Comments:				O.C.		Organic Binders	
Gravimetric (HOB) TGA ☐	Method: ☐ PLM + TGA ☐ PLM ☐ TGA ☐ OTHER ☒ SCANNING OPTICAL PLM (P.C. 15 EPA)				First 4 pages Asbestos = 0		Vermiculite	
POINT COUNT RESULTS ON THE BACK							Other	

Field No.	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non-Fibrous %	Gravimetric (HOB) Results %
J	Color	Texture	Morphology	Extinction	Chrysotile		Cellulose	
Gravimetric (HOB) Required ☐	Homogeneity	Asbestos ☐ ☐	RI I	RI II	Amosite		Fiberglass	
Recommended ☐	# of Layers	Detected Yes No	US Color	Color, Flex	Other		Other	
Gravimetric PREP ☐	Color of Layer		Biref	Sign			Mineral Filler	
Gravimetric (HOB) PLM ☐	Comments:				O.C.		Organic Binders	
Gravimetric (HOB) TGA ☐	Method: ☐ PLM + TGA ☐ PLM ☐ TGA ☐ OTHER ☐ SCANNING OPTICAL PLM (P.C. 15 EPA)				First 4 pages Asbestos = 0		Vermiculite	
POINT COUNT RESULTS ON THE BACK							Other	

Field No.	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non-Fibrous %	Gravimetric (HOB) Results %
K	Color	Texture	Morphology	Extinction	Chrysotile		Cellulose	
Gravimetric (HOB) Required ☐	Homogeneity	Asbestos ☐ ☐	RI I	RI II	Amosite		Fiberglass	
Recommended ☐	# of Layers	Detected Yes No	US Color	Color, Flex	Other		Other	
Gravimetric PREP ☐	Color of Layer		Biref	Sign			Mineral Filler	
Gravimetric (HOB) PLM ☐	Comments:				O.C.		Organic Binders	
Gravimetric (HOB) TGA ☐	Method: ☐ PLM + TGA ☐ PLM ☐ TGA ☐ OTHER ☐ SCANNING OPTICAL PLM (P.C. 15 EPA)				First 4 pages Asbestos = 0		Vermiculite	
POINT COUNT RESULTS ON THE BACK							Other	

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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