

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

NVLAP 101187

ELAP 10879

Microscope OLYMP BH-2

Client / Project

NYC BOE / M894

Project No.

14574-0864

Analysis Date

6/13/02

Analyst

m-w

Batch No.

20516

1	Field No. 01	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
		Color <u>gray</u> Texture <u>F</u>	Morphology	Extinction	Chrysotile	30	Cellulose	5	Organic
		Homogeneity <u>X</u>	RI I	RI II	Amosite		Fiberglass		Residue
		# of Layers <u>2</u> Asbestos ☐ ☒	DS Color	Color, Pleo	Other	65	Other		Carbonate
		Color of Layer Detected Yes No	Biref	Sign		synthetic			Other
		Comments:							Asbestos
		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER		SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

2	Field No. 02	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
		Color <u>light gray</u> Texture <u>F</u>	Morphology	Extinction	Chrysotile	30	Cellulose	10	Organic
		Homogeneity <u>X</u>	RI I	RI II	Amosite		Fiberglass		Residue
		# of Layers <u>2</u> Asbestos ☐ ☒	DS Color	Color, Pleo	Other	60	Other		Carbonate
		Color of Layer Detected Yes No	Biref	Sign		synthetic			Other
		Comments:							Asbestos
		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER		SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

3	Field No. 03	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
		Color <u>light gray</u> Texture <u>F</u>	Morphology	Extinction	Chrysotile	30	Cellulose	10	Organic
		Homogeneity <u>X</u>	RI I	RI II	Amosite		Fiberglass		Residue
		# of Layers <u>2</u> Asbestos ☐ ☒	DS Color	Color, Pleo	Other	60	Other		Carbonate
		Color of Layer Detected Yes No	Biref	Sign		synthetic			Other
		Comments:							Asbestos
		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER		SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

4	Field No. 04	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
		Color <u>gray</u> Texture <u>F</u>	Morphology	Extinction	Chrysotile	30	Cellulose	5	Organic
		Homogeneity <u>X</u>	RI I	RI II	Amosite		Fiberglass		Residue
		# of Layers <u>2</u> Asbestos ☐ ☒	DS Color	Color, Pleo	Other	65	Other		Carbonate
		Color of Layer Detected Yes No	Biref	Sign		synthetic			Other
		Comments:							Asbestos
		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER		SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

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HVLAP 101187

ELAP 10879

Microscope OLYP BH-2

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1	Field No. 05	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
		Color <u>lt gray</u> Texture <u>F</u>	Morphology _____ Extinction _____	Chrysotile _____	30 Cellulose _____	5 Mineral Filler _____	Organic _____
		Homogeneity <u>X</u>	RI I _____ RI II _____	Amosite _____	Fiberglass _____	Organic Binders _____	Residue _____
		# of Layers _____ Asbestos ☐ ☒	DS Color _____ Color, Pleo _____	Other <u>synthetic hair</u>	Other <u>synthetic hair</u>	Vermiculite _____	Carbonate _____
		Color of Layer _____ Detected Yes No	Biref _____ Sign _____			Other _____	Other _____
		Comments:					Asbestos _____
		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒			SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		

2	Field No. 06	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
		Color <u>lt gray</u> Texture <u>F</u>	Morphology _____ Extinction _____	Chrysotile _____	30 Cellulose _____	5 Mineral Filler _____	Organic _____
		Homogeneity <u>X</u>	RI I _____ RI II _____	Amosite _____	Fiberglass _____	Organic Binders _____	Residue _____
		# of Layers _____ Asbestos ☐ ☒	DS Color _____ Color, Pleo _____	Other <u>synthetic hair</u>	Other <u>synthetic hair</u>	Vermiculite _____	Carbonate _____
		Color of Layer _____ Detected Yes No	Biref _____ Sign _____			Other _____	Other _____
		Comments:					Asbestos _____
		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒			SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		

3	Field No. 07	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
		Color <u>lt gray</u> Texture <u>F</u>	Morphology _____ Extinction _____	Chrysotile _____	30 Cellulose _____	5 Mineral Filler _____	Organic _____
		Homogeneity <u>X</u>	RI I _____ RI II _____	Amosite _____	Fiberglass _____	Organic Binders _____	Residue _____
		# of Layers _____ Asbestos ☐ ☒	DS Color _____ Color, Pleo _____	Other <u>synthetic hair</u>	Other <u>synthetic hair</u>	Vermiculite _____	Carbonate _____
		Color of Layer _____ Detected Yes No	Biref _____ Sign _____			Other _____	Other _____
		Comments:					Asbestos _____
		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒			SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		

4	Field No. 08	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
		Color <u>lt gray</u> Texture <u>F</u>	Morphology _____ Extinction _____	Chrysotile _____	30 Cellulose _____	10 Mineral Filler _____	Organic _____
		Homogeneity <u>X</u>	RI I _____ RI II _____	Amosite _____	Fiberglass _____	Organic Binders _____	Residue _____
		# of Layers _____ Asbestos ☐ ☒	DS Color _____ Color, Pleo _____	Other <u>synthetic hair</u>	Other <u>synthetic hair</u>	Vermiculite _____	Carbonate _____
		Color of Layer _____ Detected Yes No	Biref _____ Sign _____			Other _____	Other _____
		Comments:					Asbestos _____
		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒			SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		

CITY_21MC100_002895408

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1	Field No. 09	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>gray</u>	Texture <u>F</u>	Morphology <u> </u>	Extinction <u> </u>	<u> </u> Chrysotile	<u>30</u> Cellulose	<u>5</u> Mineral Filler	<u> </u> Organic
	Recommended ☐	Homogeneity <u>X</u>	<u> </u>	RI I <u> </u>	RI II <u> </u>	<u> </u> Amosite	<u> </u> Fiberglass	<u> </u> Organic Binders	<u> </u> Residue
	Gravimetric PREP ☐	# of Layers <u>2</u>	Asbestos ☐ ☒	DS Color <u> </u>	Color, Pleo <u> </u>	<u> </u> Other	<u>65</u> Other	<u> </u> Vermiculite	<u> </u> Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer <u> </u>	Detected Yes No	Biref <u> </u>	Sign <u> </u>		<u> </u> Other	<u> </u> Other	<u> </u> Asbestos
	Gravimetric (NOB) TEM ☐	Comments:				Q.C. ☐			
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒				SCANNING OPTION 1: ELAP (P.C.) & EPA ☐ First 4 preps. Asbestos = 0			

2	Field No. 10	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>gray</u>	Texture <u>F</u>	Morphology <u> </u>	Extinction <u> </u>	<u> </u> Chrysotile	<u>30</u> Cellulose	<u>5</u> Mineral Filler	<u> </u> Organic
	Recommended ☐	Homogeneity <u>X</u>	<u> </u>	RI I <u> </u>	RI II <u> </u>	<u> </u> Amosite	<u> </u> Fiberglass	<u> </u> Organic Binders	<u> </u> Residue
	Gravimetric PREP ☐	# of Layers <u> </u>	Asbestos ☐ ☒	DS Color <u> </u>	Color, Pleo <u> </u>	<u> </u> Other	<u>65</u> Other	<u> </u> Vermiculite	<u> </u> Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer <u> </u>	Detected Yes No	Biref <u> </u>	Sign <u> </u>		<u> </u> Other	<u> </u> Other	<u> </u> Asbestos
	Gravimetric (NOB) TEM ☐	Comments:				Q.C. ☒ M-W			
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒				SCANNING OPTION 1: ELAP (P.C.) & EPA ☐ First 4 preps. Asbestos = 0			

3	Field No.	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u> </u>	Texture <u> </u>	Morphology <u> </u>	Extinction <u> </u>	<u> </u> Chrysotile	<u> </u> Cellulose	<u> </u> Mineral Filler	<u> </u> Organic
	Recommended ☐	Homogeneity <u> </u>	<u> </u>	RI I <u> </u>	RI II <u> </u>	<u> </u> Amosite	<u> </u> Fiberglass	<u> </u> Organic Binders	<u> </u> Residue
	Gravimetric PREP ☐	# of Layers <u> </u>	Asbestos ☐ ☐	DS Color <u> </u>	Color, Pleo <u> </u>	<u> </u> Other	<u> </u> Other	<u> </u> Vermiculite	<u> </u> Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer <u> </u>	Detected Yes No	Biref <u> </u>	Sign <u> </u>		<u> </u> Other	<u> </u> Other	<u> </u> Asbestos
	Gravimetric (NOB) TEM ☐	Comments:				Q.C. ☐			
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐				SCANNING OPTION 1: ELAP (P.C.) & EPA ☐ First 4 preps. Asbestos = 0			

4	Field No.	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u> </u>	Texture <u> </u>	Morphology <u> </u>	Extinction <u> </u>	<u> </u> Chrysotile	<u> </u> Cellulose	<u> </u> Mineral Filler	<u> </u> Organic
	Recommended ☐	Homogeneity <u> </u>	<u> </u>	RI I <u> </u>	RI II <u> </u>	<u> </u> Amosite	<u> </u> Fiberglass	<u> </u> Organic Binders	<u> </u> Residue
	Gravimetric PREP ☐	# of Layers <u> </u>	Asbestos ☐ ☐	DS Color <u> </u>	Color, Pleo <u> </u>	<u> </u> Other	<u> </u> Other	<u> </u> Vermiculite	<u> </u> Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer <u> </u>	Detected Yes No	Biref <u> </u>	Sign <u> </u>		<u> </u> Other	<u> </u> Other	<u> </u> Asbestos
	Gravimetric (NOB) TEM ☐	Comments:				Q.C. ☐			
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐				SCANNING OPTION 1: ELAP (P.C.) & EPA ☐ First 4 preps. Asbestos = 0			

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