

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

HVLAP 101181

ELAP 10879

Microscope OLYP BH-2

Client / Project

NYC BOE / PS 124 W

Project No.

14584-0877

Analysis Date

7/10/02

Analyst

W. W. W.

Batch No.

20817

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
1	Color <u>gray</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No Comments:	Morphology <u> </u> Extinction <u> </u> RI I <u> </u> RI II <u> </u> DS Color <u> </u> Color, Pleo <u> </u> Biref <u> </u> Sign <u> </u>	<u> </u> Chrysotile <u> </u> Amosite <u> </u> Other	<u>25</u> Cellulose <u>10</u> Fiberglass <u> </u> Other <u> </u> <u>synthetic</u>	<u>65</u> Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other	<u> </u> Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos
POINT COUNT RESULTS ON THE BACK Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
2	Color <u>gray</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No Comments:	Morphology <u> </u> Extinction <u> </u> RI I <u> </u> RI II <u> </u> DS Color <u> </u> Color, Pleo <u> </u> Biref <u> </u> Sign <u> </u>	<u> </u> Chrysotile <u> </u> Amosite <u> </u> Other	<u>40</u> Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u> <u>synthetic</u>	<u>50</u> Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other	<u> </u> Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos
POINT COUNT RESULTS ON THE BACK Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
3	Color <u>gray</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No Comments:	Morphology <u> </u> Extinction <u> </u> RI I <u> </u> RI II <u> </u> DS Color <u> </u> Color, Pleo <u> </u> Biref <u> </u> Sign <u> </u>	<u> </u> Chrysotile <u> </u> Amosite <u> </u> Other	<u>40</u> Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u> <u>synthetic</u>	<u>40</u> Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other	<u> </u> Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos
POINT COUNT RESULTS ON THE BACK Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
4	Color <u>gray</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No Comments:	Morphology <u> </u> Extinction <u> </u> RI I <u> </u> RI II <u> </u> DS Color <u> </u> Color, Pleo <u> </u> Biref <u> </u> Sign <u> </u>	<u> </u> Chrysotile <u> </u> Amosite <u> </u> Other	<u>40</u> Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u> <u>synthetic</u>	<u>30</u> Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other	<u> </u> Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos
POINT COUNT RESULTS ON THE BACK Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						

CITY_21MC100_011095123

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

NYLAP 101187

ELAP 10878

Microscope OLYMP BH-2

Client / Project NYC BOE / PS 124 UNProject No. 14584-0877Analysis Date 3/10/02Analyst W. W.Batch No. 20817

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
05	Color <u>gray</u> Texture <u>F</u> Homogeneity <u>X</u> # of Layers <u>X</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments:	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	<u>30</u> Cellulose _____ Fiberglass <u>30</u> Other <u>synthetic</u> O.C. ☐	<u>30</u> Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
06	Color <u>gray</u> Texture <u>F</u> Homogeneity <u>X</u> # of Layers <u>X</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments:	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	<u>20</u> Cellulose _____ Fiberglass <u>30</u> Other <u>synthetic</u> O.C. ☐	<u>50</u> Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
07	Color <u>gray</u> Texture <u>F</u> Homogeneity <u>X</u> # of Layers <u>X</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments:	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	<u>20</u> Cellulose _____ Fiberglass <u>50</u> Other <u>synthetic & hair</u> O.C. ☐	<u>30</u> Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
08	Color <u>gray</u> Texture <u>F</u> Homogeneity <u>X</u> # of Layers <u>X</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments:	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	<u>30</u> Cellulose _____ Fiberglass <u>30</u> Other <u>synthetic</u> O.C. ☐	<u>40</u> Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						

CITY_21MC100_011095124

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 / PS 124 UN

Project No.

14584-0877

Analysis Date

3/10/02

Analyst

M. M. M.

Batch No.

20817

1	Field No. 09	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
	Gravimetric (HOB) Required ☐	Color <u>gray</u>	Texture <u>7</u>	Morphology <u> </u>	Extinction <u> </u>	<u> </u> Chrysotile	<u>20</u> Cellulose	<u>20</u> Mineral Filler	<u> </u> Organic
	Recommended ☐	Homogeneity <u>7</u>	# of Layers <u>2</u>	RI I <u> </u>	RI II <u> </u>	<u> </u> Amosite	<u> </u> Fiberglass	<u> </u> Organic Binders	<u> </u> Residue
	Gravimetric PREP ☐	Asbestos ☐	Asbestos ☒	DS Color <u> </u>	Color, Pleo <u> </u>	<u> </u> Other	<u>30</u> Other	<u> </u> Vermiculite	<u> </u> Carbonate
	Gravimetric (HOB) PLM ☐	Color of Layer <u> </u>	Detected Yes ☐ No ☐	Biref <u> </u>	Sign <u> </u>			<u> </u> Other	<u> </u> Other
	Gravimetric (HOB) TEM ☐	Comments:						<u> </u> Asbestos	
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐		SCANNING OPTIONS: ELAP (P.C.) & EPA ☐		First 4 preps. Asbestos = 0			

2	Field No.	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
	Gravimetric (HOB) 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>	# of Layers <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 ☐	Asbestos ☐	Asbestos ☐	DS Color <u> </u>	Color, Pleo <u> </u>	<u> </u> Other	<u> </u> Other	<u> </u> Vermiculite	<u> </u> Carbonate
	Gravimetric (HOB) PLM ☐	Color of Layer <u> </u>	Detected Yes ☐ No ☐	Biref <u> </u>	Sign <u> </u>			<u> </u> Other	<u> </u> Other
	Gravimetric (HOB) TEM ☐	Comments:						<u> </u> Asbestos	
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐		SCANNING OPTIONS: 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 (HOB) Results %
	Gravimetric (HOB) 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>	# of Layers <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 ☐	Asbestos ☐	Asbestos ☐	DS Color <u> </u>	Color, Pleo <u> </u>	<u> </u> Other	<u> </u> Other	<u> </u> Vermiculite	<u> </u> Carbonate
	Gravimetric (HOB) PLM ☐	Color of Layer <u> </u>	Detected Yes ☐ No ☐	Biref <u> </u>	Sign <u> </u>			<u> </u> Other	<u> </u> Other
	Gravimetric (HOB) TEM ☐	Comments:						<u> </u> Asbestos	
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐		SCANNING OPTIONS: 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 (HOB) Results %
	Gravimetric (HOB) 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>	# of Layers <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 ☐	Asbestos ☐	Asbestos ☐	DS Color <u> </u>	Color, Pleo <u> </u>	<u> </u> Other	<u> </u> Other	<u> </u> Vermiculite	<u> </u> Carbonate
	Gravimetric (HOB) PLM ☐	Color of Layer <u> </u>	Detected Yes ☐ No ☐	Biref <u> </u>	Sign <u> </u>			<u> </u> Other	<u> </u> Other
	Gravimetric (HOB) TEM ☐	Comments:						<u> </u> Asbestos	
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐		SCANNING OPTIONS: ELAP (P.C.) & EPA ☐		First 4 preps. Asbestos = 0			

CITY_21MC100_011095125