

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/M833/100 Trinity Place, NY NYProject No. 14584-0865Analysis Date 06/01/02 Analyst Milena LowndBatch No. 20450

1	Field No. <u>01</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Brown</u>	Texture <u>GR</u>	Morphology	Extinction	☒ Chrysotile	<u>20</u> Cellulose	<u>80</u> Mineral Filler	☐ Organic
	Recommended ☐	Homogeneity <u>Y</u>		RI I	RI II	☐ Amosite	☐ Fiberglass	☐ Organic Binders	☐ Residue
	Gravimetric PREP ☐	# of Layers <u>1</u>	Asbestos ☐ ☒	DS Color	Color, Pleo	☒ Other	☐ Other	☐ Vermiculite	☐ Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes No	Biref	Sign			☐ Other	☐ Other
	Gravimetric (NOB) TEM ☐	Comments:					Q.C. ☐		☐ Asbestos
POINT COUNT RESULTS ON THE BACK		Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0							

2	Field No. <u>02</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Brown</u>	Texture <u>GR</u>	Morphology	Extinction	☒ Chrysotile	<u>20</u> Cellulose	<u>80</u> Mineral Filler	☐ Organic
	Recommended ☐	Homogeneity		RI I	RI II	☐ Amosite	☐ Fiberglass	☐ Organic Binders	☐ Residue
	Gravimetric PREP ☐	# of Layers	Asbestos ☐ ☒	DS Color	Color, Pleo	☒ Other	☐ Other	☐ Vermiculite	☐ Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes No	Biref	Sign			☐ Other	☐ Other
	Gravimetric (NOB) TEM ☐	Comments:					Q.C. ☐		☐ Asbestos
POINT COUNT RESULTS ON THE BACK		Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0							

3	Field No. <u>03</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Brown</u>	Texture <u>GR</u>	Morphology	Extinction	☒ Chrysotile	<u>10</u> Cellulose	<u>50</u> Mineral Filler	☐ Organic
	Recommended ☐	Homogeneity <u>Y</u>		RI I	RI II	☐ Amosite	☐ Fiberglass	☐ Organic Binders	☐ Residue
	Gravimetric PREP ☐	# of Layers <u>1</u>	Asbestos ☐ ☒	DS Color	Color, Pleo	☒ Other	☐ Other	☐ Vermiculite	☐ Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes No	Biref	Sign			☐ Other	☐ Other
	Gravimetric (NOB) TEM ☐	Comments:					Q.C. ☐		☐ Asbestos
POINT COUNT RESULTS ON THE BACK		Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0							

4	Field No. <u>04</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Brown</u>	Texture <u>GR</u>	Morphology	Extinction	☒ Chrysotile	<u>30</u> Cellulose	<u>70</u> Mineral Filler	☐ Organic
	Recommended ☐	Homogeneity <u>Y</u>		RI I	RI II	☐ Amosite	☐ Fiberglass	☐ Organic Binders	☐ Residue
	Gravimetric PREP ☐	# of Layers <u>1</u>	Asbestos ☐ ☒	DS Color	Color, Pleo	☒ Other	☐ Other	☐ Vermiculite	☐ Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes No	Biref	Sign			☐ Other	☐ Other
	Gravimetric (NOB) TEM ☐	Comments:					Q.C. ☐		☐ Asbestos
POINT COUNT RESULTS ON THE BACK		Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0							

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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CITY_21MC100_003390485

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

HVLAP 101157

ELAP 10879

Microscope OLYP BH-2

Client / Project NYC-DOE/M 833 / 100 Trinity Place, NY NYProject No. 14584-0865Analysis Date 06/01/02 Analyst Milena LowndBatch No. 20450

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
05	Color <u>Brown</u> Texture <u>Gn</u> Homogeneity <u>Y</u> # of Layers <u>11</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other ☒	Cellulose <u>30</u> Fiberglass _____ Other _____	Mineral Filler <u>70</u> 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 preps. Asbestos = 0			
06	Color <u>Brown</u> Texture <u>Gn</u> Homogeneity <u>Y</u> # of Layers <u>11</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other ☒	Cellulose <u>30</u> Fiberglass _____ Other _____	Mineral Filler <u>70</u> 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 preps. Asbestos = 0			
07	Color <u>Brown</u> Texture <u>Gn</u> Homogeneity <u>Y</u> # of Layers <u>11</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other ☒	Cellulose <u>30</u> Fiberglass _____ Other _____	Mineral Filler <u>70</u> 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 preps. Asbestos = 0			
08	Color <u>Brown</u> Texture <u>Gn</u> Homogeneity <u>Y</u> # of Layers <u>11</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other ☒	Cellulose <u>30</u> Fiberglass _____ Other _____	Mineral Filler <u>70</u> 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 preps. Asbestos = 0			

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Client / Project NYC-BDE/M 833 / 100 Trinity Place, NY NYProject No. 14584-0865Analysis Date 06/01/02 Analyst Milena LowndBatch No. 20450

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1	Color <u>BROWN</u> Texture <u>GR</u>	Morphology <u>RI I</u> Extinction <u>RI II</u>	Chrysotile <u>30</u>	Cellulose <u>70</u>	Mineral Filler	Organic
	Homogeneity <u>Y</u> # of Layers <u>7</u> Asbestos ☐ ☒	DS Color <u>Color, Pleo</u> Biref <u>Sign</u>	Amosite <u>Other</u>	Fiberglass	Organic Binders	Residue
	Color of Layer <u>Detected</u> Yes ☐ No ☒			Other	Vermiculite	Carbonate
	Comments:				Other	Other
	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒	SCANNING OPTION: ELAP (P.C.) & EPA ☐	First 4 preps. Asbestos = 0			Asbestos
2	Color <u> </u> Texture <u> </u>	Morphology <u> </u> Extinction <u> </u>	Chrysotile <u> </u>	Cellulose <u> </u>	Mineral Filler	Organic
	Homogeneity <u> </u> # of Layers <u> </u> Asbestos ☐ ☐	DS Color <u> </u> Color, Pleo <u> </u>	Amosite <u> </u>	Fiberglass	Organic Binders	Residue
	Color of Layer <u> </u> Detected Yes ☐ No ☐	Biref <u> </u> Sign <u> </u>	Other <u> </u>	Other	Vermiculite	Carbonate
	Comments:				Other	Other
	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐	SCANNING OPTION: ELAP (P.C.) & EPA ☐	First 4 preps. Asbestos = 0			Asbestos
3	Color <u> </u> Texture <u> </u>	Morphology <u> </u> Extinction <u> </u>	Chrysotile <u> </u>	Cellulose <u> </u>	Mineral Filler	Organic
	Homogeneity <u> </u> # of Layers <u> </u> Asbestos ☐ ☐	DS Color <u> </u> Color, Pleo <u> </u>	Amosite <u> </u>	Fiberglass	Organic Binders	Residue
	Color of Layer <u> </u> Detected Yes ☐ No ☐	Biref <u> </u> Sign <u> </u>	Other <u> </u>	Other	Vermiculite	Carbonate
	Comments:				Other	Other
	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐	SCANNING OPTION: ELAP (P.C.) & EPA ☐	First 4 preps. Asbestos = 0			Asbestos
4	Color <u> </u> Texture <u> </u>	Morphology <u> </u> Extinction <u> </u>	Chrysotile <u> </u>	Cellulose <u> </u>	Mineral Filler	Organic
	Homogeneity <u> </u> # of Layers <u> </u> Asbestos ☐ ☐	DS Color <u> </u> Color, Pleo <u> </u>	Amosite <u> </u>	Fiberglass	Organic Binders	Residue
	Color of Layer <u> </u> Detected Yes ☐ No ☐	Biref <u> </u> Sign <u> </u>	Other <u> </u>	Other	Vermiculite	Carbonate
	Comments:				Other	Other
	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐	SCANNING OPTION: ELAP (P.C.) & EPA ☐	First 4 preps. Asbestos = 0			Asbestos

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