

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 DOE / M833 100 Trinity Pl, NY NY 10006Project No. 14584-0865Analysis Date 6/15/02 Analyst Milena LowdBatch No. 20524

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
01	Color <u>Tan</u> Texture <u>GR</u>	Morphology <u> </u> Extinction <u> </u>	<u> </u> Chrysotile	<u> </u> Cellulose	<u>100</u> Mineral Filler	<u> </u> Organic
Gravimetric (NOB) Required ☐	Homogeneity <u>Y</u>	RI I <u> </u> RI II <u> </u>	<u> </u> Amosite	<u> </u> Fiberglass	<u> </u> Organic Binders	<u> </u> Residue
Recommended ☐	# of Layers <u>11</u> Asbestos ☐ ☒	DS Color <u> </u> Color, Pleo <u> </u>	<u> </u> Other	<u>TR</u> Other	<u> </u> Vermiculite	<u> </u> Carbonate
Gravimetric PREP ☐	Color of Layer <u> </u> Detected Yes No	Biref <u> </u> Sign <u> </u>		<u>Synthetic</u>	<u> </u> Other	<u> </u> Other
Gravimetric (NOB) PLM ☐	Comments:			Q.C. ☐		<u> </u> Asbestos
Gravimetric (NOB) TEM ☐	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒			SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		
02	Color <u>Tan</u> Texture <u>GR</u>	Morphology <u> </u> Extinction <u> </u>	<u> </u> Chrysotile	<u> </u> Cellulose	<u>100</u> Mineral Filler	<u> </u> Organic
Gravimetric (NOB) Required ☐	Homogeneity <u>Y</u>	RI I <u> </u> RI II <u> </u>	<u> </u> Amosite	<u> </u> Fiberglass	<u> </u> Organic Binders	<u> </u> Residue
Recommended ☐	# of Layers <u>11</u> Asbestos ☐ ☒	DS Color <u> </u> Color, Pleo <u> </u>	<u> </u> Other	<u>TR</u> Other	<u> </u> Vermiculite	<u> </u> Carbonate
Gravimetric PREP ☐	Color of Layer <u> </u> Detected Yes No	Biref <u> </u> Sign <u> </u>		<u>Synthetic</u>	<u> </u> Other	<u> </u> Other
Gravimetric (NOB) PLM ☐	Comments:			Q.C. ☐		<u> </u> Asbestos
Gravimetric (NOB) TEM ☐	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒			SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		
03	Color <u>Tan</u> Texture <u>GR</u>	Morphology <u> </u> Extinction <u> </u>	<u> </u> Chrysotile	<u> </u> Cellulose	<u>100</u> Mineral Filler	<u> </u> Organic
Gravimetric (NOB) Required ☐	Homogeneity <u>Y</u>	RI I <u> </u> RI II <u> </u>	<u> </u> Amosite	<u> </u> Fiberglass	<u> </u> Organic Binders	<u> </u> Residue
Recommended ☐	# of Layers <u>11</u> Asbestos ☐ ☒	DS Color <u> </u> Color, Pleo <u> </u>	<u> </u> Other	<u> </u> Other	<u> </u> Vermiculite	<u> </u> Carbonate
Gravimetric PREP ☐	Color of Layer <u> </u> Detected Yes No	Biref <u> </u> Sign <u> </u>			<u> </u> Other	<u> </u> Other
Gravimetric (NOB) PLM ☐	Comments:			Q.C. ☐		<u> </u> Asbestos
Gravimetric (NOB) TEM ☐	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒			SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		
04	Color <u>Tan</u> Texture <u>GR</u>	Morphology <u> </u> Extinction <u> </u>	<u> </u> Chrysotile	<u> </u> Cellulose	<u>100</u> Mineral Filler	<u> </u> Organic
Gravimetric (NOB) Required ☐	Homogeneity <u>Y</u>	RI I <u> </u> RI II <u> </u>	<u> </u> Amosite	<u> </u> Fiberglass	<u> </u> Organic Binders	<u> </u> Residue
Recommended ☐	# of Layers <u>11</u> Asbestos ☐ ☒	DS Color <u> </u> Color, Pleo <u> </u>	<u> </u> Other	<u>TR</u> Other	<u> </u> Vermiculite	<u> </u> Carbonate
Gravimetric PREP ☐	Color of Layer <u> </u> Detected Yes No	Biref <u> </u> Sign <u> </u>		<u>Synthetic</u>	<u> </u> Other	<u> </u> Other
Gravimetric (NOB) PLM ☐	Comments:			Q.C. ☐		<u> </u> Asbestos
Gravimetric (NOB) TEM ☐	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒			SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL,

CITY_21MC100_003390517

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 10478

Microscope OLYMP BH-2

Client / Project NYC DOE / M833 100 Trinity Pl, NY NY 10006Project No. 14584-086Analysis Date 6/15/02Analyst Milena LewdBatch No. 20524

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 <u>05</u>	Color <u>Tan</u> Texture <u>GR</u> Homogeneity <u>Y</u> # of Layers <u>11</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>/</u>	Cellulose _____ Fiberglass _____ Other _____	Mineral Filler <u>100</u> Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
POINT COUNT RESULTS ON THE BACK		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION 1: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		Q.C. ☐		
2 <u>06</u>	Color <u>Tan</u> Texture <u>GR</u> Homogeneity <u>Y</u> # of Layers <u>11</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>/</u>	Cellulose _____ Fiberglass _____ Other _____	Mineral Filler <u>100</u> Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
POINT COUNT RESULTS ON THE BACK		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION 1: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		Q.C. ☐		
3 <u>07</u>	Color <u>Tan</u> Texture <u>GR</u> Homogeneity <u>Y</u> # of Layers <u>11</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>/</u>	Cellulose _____ Fiberglass _____ Other _____	Mineral Filler <u>100</u> Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
POINT COUNT RESULTS ON THE BACK		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION 1: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		Q.C. ☐		
4 <u>08</u>	Color <u>Tan</u> Texture <u>GR</u> Homogeneity <u>Y</u> # of Layers <u>11</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>/</u>	Cellulose _____ Fiberglass _____ Other <u>Synthetic</u>	Mineral Filler <u>100</u> Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
POINT COUNT RESULTS ON THE BACK		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION 1: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		Q.C. ☐		

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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NVLAP 101187

ELAP 10879

Microscope OLYP BH-2

Client / Project NYC BOE / M833 100 Trinity Pl, NY NY 10006Project No. 14584-0865Analysis Date 6/15/02Analyst Milena LowdBatch No. 20524

1	Field No. <u>09</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>104</u>	Texture <u>GR</u>	Morphology <u> </u>	Extinction <u> </u>	<u> </u> Chrysotile	<u> </u> Cellulose	<u>100</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>4</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 ☐	Brief <u> </u>	Sign <u> </u>			<u> </u> Other	<u> </u> Other
	Gravimetric (NOB) TEM ☐	Comments:						<u> </u> Asbestos	
POINT COUNT RESULTS ON THE BACK		Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ¹ ☐ OTHER ☒ SCANNING OPTION 1: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0				Q.C. ☐			

2	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 ☐	Brief <u> </u>	Sign <u> </u>			<u> </u> Other	<u> </u> Other
	Gravimetric (NOB) TEM ☐	Comments:						<u> </u> Asbestos	
POINT COUNT RESULTS ON THE BACK		Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ¹ ☐ OTHER ☐ SCANNING OPTION 1: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0				Q.C. ☐			

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 ☐	Brief <u> </u>	Sign <u> </u>			<u> </u> Other	<u> </u> Other
	Gravimetric (NOB) TEM ☐	Comments:						<u> </u> Asbestos	
POINT COUNT RESULTS ON THE BACK		Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ¹ ☐ OTHER ☐ SCANNING OPTION 1: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0				Q.C. ☐			

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 ☐	Brief <u> </u>	Sign <u> </u>			<u> </u> Other	<u> </u> Other
	Gravimetric (NOB) TEM ☐	Comments:						<u> </u> Asbestos	
POINT COUNT RESULTS ON THE BACK		Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ¹ ☐ OTHER ☐ SCANNING OPTION 1: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0				Q.C. ☐			

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