

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 10118/

ELAP 10879

Microscope OLYMP BH-2

345 CHAMBERS ST.

Client / Project NYC BOE / STUYVESANT HS (M477), NY, NY 10007 Project No. 19125-0246Analysis Date 06/05/02 Analyst E. A. CHARTERS Batch No. 20469

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1	Color <u>GRAY</u> Texture <u>Fib.</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>70</u> Cellulose Fiberglass <u>30</u> Other <u>Synthetic</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 preps. Asbestos = 0						
2	Color <u>GRAY</u> Texture <u>Fib.</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>75</u> Cellulose Fiberglass <u>25</u> Other <u>Synthetic</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 preps. Asbestos = 0						
3	Color <u>GRAY</u> Texture <u>Fib.</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 Fiberglass <u>40</u> Other <u>Synthetic & Hair</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 preps. Asbestos = 0						
4	Color <u>GRAY</u> Texture <u>Fib.</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 Fiberglass <u>50</u> Other <u>Synthetic & Hair</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 preps. Asbestos = 0						

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL

CITY_21MC100_002026730

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 OLYP BH 2

Client / Project NYC - DOE / STUYVESANT HS (M477)Project No. 19125-0246Analysis Date 06/05/02Analyst E. A. CARTERSBatch No. 20469

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1	Color <u>GRAY</u> Texture <u>Fib.</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No	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>	☒ Chrysotile ☒ Amosite ☒ Other	<u>60</u> Cellulose <u>40</u> Fiberglass <u>40</u> Other <u>Synthetic & Hair</u> a.c.	<u> </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
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION 1: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
2	Color <u>Gray</u> Texture <u>Fib.</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No	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>	☒ Chrysotile ☒ Amosite ☒ Other	<u>50</u> Cellulose <u>45</u> Fiberglass <u>45</u> Other <u>Synthetic & Hair</u> a.c.	<u>5</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
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION 1: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
3	Color <u>GRAY</u> Texture <u>Fib.</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No	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>	☒ Chrysotile ☒ Amosite ☒ Other	<u>65</u> Cellulose <u>35</u> Fiberglass <u>35</u> Other <u>Synthetic & Hair</u> a.c.	<u> </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
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION 1: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
4	Color <u>Gray</u> Texture <u>Fib.</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No	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>	☒ Chrysotile ☒ Amosite ☒ Other	<u>55</u> Cellulose <u>40</u> Fiberglass <u>40</u> Other <u>Synthetic & Hair</u> a.c.	<u>5</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
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION 1: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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CITY_21MC100_002026731

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 OLYP BH-2

Client / Project NYC- BOE / STUYVESANT HS (M477)Project No. 19125-0246Analysis Date 06/05/02 Analyst E. A. CARTERBatch No. 20469

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 9	Color <u>Gray</u> Texture <u>Fib</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>65</u> Cellulose <u>35</u> Fiberglass <u>35</u> Other <u>Synthetic</u> Hairs	____ Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Comments:			Q.C.			
Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0						
2 10	Color <u>Gray</u> Texture <u>Fib</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>70</u> Cellulose <u>25</u> Fiberglass <u>25</u> Other <u>Synthetic</u>	<u>5</u> Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Comments:			Q.C.			
Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0						
3	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☐ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	____ Chrysotile ____ Amosite ____ Other	____ Cellulose ____ Fiberglass ____ Other	____ Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Comments:			Q.C.			
Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0						
4	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☐ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	____ Chrysotile ____ Amosite ____ Other	____ Cellulose ____ Fiberglass ____ Other	____ Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Comments:			Q.C.			
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_002026732