

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 10878

Microscope OLYMP B11-2

Client / Project

NYC/BOB/292 Greenwich St/PS 234W

Project No. 14584-0789

Analysis Date

10/30/01

Analyst

GPA

Batch No.

19679

1	Field No. 5	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>low</u>	Texture <u>fine</u>	Morphology <u>W</u>	Extinction <u>11</u>	<u>12</u> Chrysotile	<u>16</u> Cellulose	<u>44</u> Mineral Filler	Organic
	Recommended ☐	Homogeneity <u>7</u>	Asbestos ☒ ☐	RI I <u>1/2</u>	RI II <u>1/2</u>	Amosite	<u>40</u> Fiberglass	Organic Binders	Residue
	Gravimetric PREP ☐	# of Layers <u>2</u>	Detected Yes No	DS Color <u>W</u>	Color, Pleo <u>—</u>	Other	Other	Vermiculite	Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer		Biref <u>—</u>	Sign <u>—</u>			Other	Other
	Gravimetric (NOB) TEM ☐	Comments:					d.c.		Asbestos
	POINT COUNT NEED TO USE THE BACK	Method: ☐ ELAP ☐ EPA ☐ ELAP ☐ EPA ☐ OTHER ☐				SCANNING OPTION: ELAP (P.C.) & EPA ☐	First 4 preps. Asbestos = 0		

2	Field No. 6	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>low</u>	Texture <u>grain</u>	Morphology	Extinction	Chrysotile	<u>6</u> Cellulose	<u>90</u> Mineral Filler	Organic
	Recommended ☐	Homogeneity <u>7</u>	Asbestos ☐ ☒	RI I	RI II	Amosite	<u>4</u> Fiberglass	Organic Binders	Residue
	Gravimetric PREP ☐	# of Layers <u>2</u>	Detected Yes No	DS Color	Color, Pleo	Other	Other	Vermiculite	Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer		Biref	Sign			Other	Other
	Gravimetric (NOB) TEM ☐	Comments:					d.c.		Asbestos
	POINT COUNT NEED TO USE THE BACK	Method: ☐ ELAP ☐ EPA ☐ ELAP ☐ EPA ☐ OTHER ☐				SCANNING OPTION: ELAP (P.C.) & EPA ☒	First 4 preps. Asbestos = 0		

3	Field No. 7	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>low</u>	Texture <u>grain</u>	Morphology	Extinction	Chrysotile	<u>18</u> Cellulose	<u>64</u> Mineral Filler	Organic
	Recommended ☐	Homogeneity <u>7</u>	Asbestos ☐ ☒	RI I	RI II	Amosite	<u>18</u> Fiberglass	Organic Binders	Residue
	Gravimetric PREP ☐	# of Layers <u>2</u>	Detected Yes No	DS Color	Color, Pleo	Other	Other	Vermiculite	Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer		Biref	Sign			Other	Other
	Gravimetric (NOB) TEM ☐	Comments:					d.c.		Asbestos
	POINT COUNT NEED TO USE THE BACK	Method: ☐ ELAP ☐ EPA ☐ ELAP ☐ EPA ☐ OTHER ☐				SCANNING OPTION: ELAP (P.C.) & EPA ☒	First 4 preps. Asbestos = 0		

4	Field No. 8	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>low</u>	Texture <u>grain</u>	Morphology	Extinction	Chrysotile	<u>20</u> Cellulose	<u>65</u> Mineral Filler	Organic
	Recommended ☐	Homogeneity <u>7</u>	Asbestos ☐ ☒	RI I	RI II	Amosite	<u>15</u> Fiberglass	Organic Binders	Residue
	Gravimetric PREP ☐	# of Layers <u>2</u>	Detected Yes No	DS Color	Color, Pleo	Other	Other	Vermiculite	Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer		Biref	Sign			Other	Other
	Gravimetric (NOB) TEM ☐	Comments:					d.c.		Asbestos
	POINT COUNT NEED TO USE THE BACK	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_003444967

CONFIDENTIAL,

CITY_21MC100_003444968

7

[illegible]

Non-Asbestos Points =

TOTAL POINTS =

Asbestos %n =

2

[illegible]

Non-Asbestos Points =

TOTAL POINTS =

Asbestos % =

3

[illegible]

Non-Asbestos Points =

TOTAL POINTS =

Asbestos % =

4

[illegible]

Non-Asbestos Points =

TOTAL POINTS =

Asbestos % =

$$\% \text{ ASBESTOS} = (AP \times 100\%) / TP$$

Where : AP = Total # of Specific Asbestos Points; TP = Total # of Non empty Points

BIREF = BIREFRINGENCE

CL = CLEAR B = BLUE

P.C. = Point Count

For Non Friable + Layer Materials we use Method 600 / R - 93/116

Note: ELAP Methods as per items 198.1 and 198.4