NYC 9/11 Public Portal Document

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/PS 234M, 292 Greenwich St, NY, NY 10007 Project No. 14584-0823

Analysis Date 01/22/02 Analyst E. M. Carreras Batch No. 19943

1 Field No. 01	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology ____ Extinction ____	____ Chrysotile	8 Cellulose	65 Mineral Filler	____ Organic
Recommended ☐	Homogenity Y	RI ____ RI ____	____ Amosite	27 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:			O.C. ☐		____ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

2 Field No. 02	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture F	Morphology ____ Extinction ____	____ Chrysotile	2 Cellulose	90 Mineral Filler	____ Organic
Recommended ☐	Homogenity Y	RI ____ RI ____	____ Amosite	8 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:			O.C. ☐		____ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

3 Field No. 03	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology ____ Extinction ____	____ Chrysotile	3 Cellulose	80 Mineral Filler	____ Organic
Recommended ☐	Homogenity Y	RI ____ RI ____	____ Amosite	17 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:			O.C. ☐		____ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

4 Field No. 04	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Off-White Texture F	Morphology ____ Extinction ____	____ Chrysotile	1 Cellulose	90 Mineral Filler	____ Organic
Recommended ☐	Homogenity Y	RI ____ RI ____	____ Amosite	9 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:			O.C. ☐		____ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL, CITY_21MC100_003388355

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NYLAP 101102
ELAP 10870
Microscope OLYP BH 2

Client / Project NYC-BOE/PS 234M, 292 Greenwich St, NY NY 10007 Project No. 14584-0823

Analysis Date 01/22/02 Analyst E. J. Canteros Batch No. 19943

1 Field No. 05	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) ☐ Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Tan Texture F Homogeneity Y # of Layers ____ Asbestos ☐ ☒ Color of Layer ____ Detected Yes No Comments:	Morphology ____ Extinction ____ RI ____ RI ⊥ ____ DS Color ____ Color,Pleo ____ Biref ____ Sign ____	____ Chrysotile ____ Amosite ____ Other	2 Cellulose 3 Fiberglass ____ Other	95 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Point count results on the back	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ other ☒ SCANNING OPTION: ELAP (F.C.) & EPA¹ First 4 preps. Asbestos = 0			O.C. ☐		

2 Field No. 06	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) ☐ Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Tan Texture F Homogeneity Y # of Layers ____ Asbestos ☐ ☒ Color of Layer ____ Detected Yes No Comments:	Morphology ____ Extinction ____ RI ____ RI ⊥ ____ DS Color ____ Color,Pleo ____ Biref ____ Sign ____	____ Chrysotile ____ Amosite ____ Other	9 Cellulose 1 Fiberglass ____ Other	90 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Point count results on the back	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ other ☒ SCANNING OPTION: ELAP (F.C.) & EPA¹ First 4 preps. Asbestos = 0			O.C. ☐		

3 Field No. 07	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) ☐ Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Tan Texture F Homogeneity Y # of Layers ____ Asbestos ☐ ☒ Color of Layer ____ Detected Yes No Comments:	Morphology ____ Extinction ____ RI ____ RI ⊥ ____ DS Color ____ Color,Pleo ____ Biref ____ Sign ____	____ Chrysotile ____ Amosite ____ Other	8 Cellulose 2 Fiberglass ____ Other	90 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Point count results on the back	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ other ☒ SCANNING OPTION: ELAP (F.C.) & EPA¹ First 4 preps. Asbestos = 0			O.C. ☐		

4 Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) ☐ Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color ____ Texture ____ Homogeneity ____ # of Layers ____ Asbestos ☐ ☐ Color of Layer ____ Detected Yes No Comments:	Morphology ____ Extinction ____ RI ____ RI ⊥ ____ DS Color ____ Color,Pleo ____ Biref ____ Sign ____	____ Chrysotile ____ Amosite ____ Other	____ Cellulose ____ Fiberglass ____ Other	____ Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Point count results on the back	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ other ☐ SCANNING OPTION: ELAP (F.C.) & EPA¹ First 4 preps. Asbestos = 0			O.C. ☐		

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL,

CITY_21MC100_003388356

NYC-WTC_000410319