NYC-WTC_000338698

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 101167
ELAP 10878
Microscope OLYP BH-2

Client / Project MYC.BOE / IS 306K Project No. 19125-0206

Analysis Date 4/28/02 Analyst [illegible] Batch No. 20319

1 Field No. 1	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color grey Texture F	Morphology ___ Extinction ___	___ Chrysotile	15 Cellulose	85 Mineral Filler	___ Organic
Recommended ☐	Homogenity ___	RI ‖ ___ RI ⊥ ___	___ Amosite	___ Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 2 Asbestos ☐ ☒	DS Color ___ Color,Pleo ___	___ Other	5 Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref ___ Sign ___		Synthetic	___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION I: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

2 Field No. 2	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color grey Texture F	Morphology ___ Extinction ___	___ Chrysotile	15 Cellulose	85 Mineral Filler	___ Organic
Recommended ☐	Homogenity ___	RI ‖ ___ RI ⊥ ___	___ Amosite	___ Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 2 Asbestos ☐ ☒	DS Color ___ Color,Pleo ___	___ Other	TR Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref ___ Sign ___		Synthetic	___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION I: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

3 Field No. 3	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color grey Texture F	Morphology ___ Extinction ___	___ Chrysotile	15 Cellulose	85 Mineral Filler	___ Organic
Recommended ☐	Homogenity ___	RI ‖ ___ RI ⊥ ___	___ Amosite	___ Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 2 Asbestos ☐ ☒	DS Color ___ Color,Pleo ___	___ Other	TR Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref ___ Sign ___		Synthetic	___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION I: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

4 Field No. 4	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color grey Texture F	Morphology ___ Extinction ___	___ Chrysotile	15 Cellulose	85 Mineral Filler	___ Organic
Recommended ☐	Homogenity ___	RI ‖ ___ RI ⊥ ___	___ Amosite	___ Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 2 Asbestos ☐ ☒	DS Color ___ Color,Pleo ___	___ Other	TR Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref ___ Sign ___		Synthetic	___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION I: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

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NVLAP 101187
ELAP 10879
Microscope OLYP BH-2

Client / Project: NYCBOE / I S 306X
Project No.: 19125-0246
Analysis Date: 4/28/02
Analyst: [illegible]
Batch No.: 20319

Field No. 5	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Gray; Texture: F	Morphology: ; Extinction:	Chrysotile	30 Cellulose	40 Mineral Filler	Organic
Recommended ☐	Homogenity: Y	RI I: ; RI II:	Amosite	Fiberglass	Organic Binders	Residue
Gravimetric PREP ☐	# of Layers: L; Asbestos ☐ ☒	DS Color: ; Color, Pleo:	Other	30 Other	Vermiculite	Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ; Detected Yes No	Biref: ; Sign:		synthetic & hair	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					

Field No. 6	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Gray; Texture: F	Morphology: ; Extinction:	Chrysotile	30 Cellulose	40 Mineral Filler	Organic
Recommended ☐	Homogenity: Y	RI I: ; RI II:	Amosite	Fiberglass	Organic Binders	Residue
Gravimetric PREP ☐	# of Layers: L; Asbestos ☐ ☒	DS Color: ; Color, Pleo:	Other	30 Other	Vermiculite	Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ; Detected Yes No	Biref: ; Sign:		synthetic & hair	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					

Field No. 7	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Gray; Texture: F	Morphology: ; Extinction:	Chrysotile	30 Cellulose	40 Mineral Filler	Organic
Recommended ☐	Homogenity: Y	RI I: ; RI II:	Amosite	Fiberglass	Organic Binders	Residue
Gravimetric PREP ☐	# of Layers: L; Asbestos ☐ ☒	DS Color: ; Color, Pleo:	Other	30 Other	Vermiculite	Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ; Detected Yes No	Biref: ; Sign:		synthetic & hair	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					

Field No. 8	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Gray; Texture: F	Morphology: ; Extinction:	Chrysotile	30 Cellulose	40 Mineral Filler	Organic
Recommended ☐	Homogenity: Y	RI I: ; RI II:	Amosite	Fiberglass	Organic Binders	Residue
Gravimetric PREP ☐	# of Layers: L; Asbestos ☐ ☒	DS Color: ; Color, Pleo:	Other	30 Other	Vermiculite	Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ; Detected Yes No	Biref: ; Sign:		synthetic & hair	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					

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NVLAP 101187
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Microscope OLYP BH-2

Client / Project NYC BOE / I S 306X Project No. 19125-0246

Analysis Date 4/28/02 Analyst [illegible] Batch No. 20319

Field No. 9	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Grey Texture 4	Morphology ___ Extinction ___	___ Chrysotile	65 Cellulose	30 Mineral Filler	___ Organic
Recommended ☐	Homogenity 4	RI l ___ RI ll ___	___ Amosite	___ Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 4 Asbestos ☐ ☑	DS Color ___ Color,Pleo ___	___ Other	5 Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref ___ Sign ___		Synthetic	___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER 10 SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps, Asbestos = 0					

Field No. 10	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Grey Texture 4	Morphology ___ Extinction ___	___ Chrysotile	15 Cellulose	85 Mineral Filler	___ Organic
Recommended ☐	Homogenity 4	RI l ___ RI ll ___	___ Amosite	___ Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 4 Asbestos ☐ ☑	DS Color ___ Color,Pleo ___	___ Other	TR Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref ___ Sign ___		Synthetic	___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER 10 SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps, Asbestos = 0					

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color ___ Texture ___	Morphology ___ Extinction ___	___ Chrysotile	___ Cellulose	___ Mineral Filler	___ Organic
Recommended ☐	Homogenity ___	RI l ___ RI ll ___	___ Amosite	___ Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 1 Asbestos ☐ ☑	DS Color ___ Color,Pleo ___	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref ___ Sign ___	1		___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.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					

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color ___ Texture ___	Morphology ___ Extinction ___	___ Chrysotile	___ Cellulose	___ Mineral Filler	___ Organic
Recommended ☐	Homogenity ___	RI l ___ RI ll ___	___ 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 + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps, Asbestos = 0					

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