

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 DOE/M833/100 Trinity Place NY 10006Project No. 14584-0865Analysis Date 4/13/00Analyst Mr. A. ChatterjeeBatch No. 20259

1	Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	1	Color <u>tan</u> Texture <u>gran</u> Homogeneity <u>4</u> # of Layers <u>2</u> Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile Amosite Other	<u>2</u> Cellulose Fiberglass Other	<u>98</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 1: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0					
		POINT COUNT RESULTS ON THE BACK					
	2	Color <u>tan</u> Texture <u>gran</u> Homogeneity <u>4</u> # of Layers <u>2</u> Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile Amosite Other	<u>1</u> Cellulose Fiberglass Other	<u>99</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 1: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0					
		POINT COUNT RESULTS ON THE BACK					
	3	Color <u>tan</u> Texture <u>gran</u> Homogeneity <u>3</u> # of Layers <u>2</u> Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile Amosite Other	<u>1</u> Cellulose Fiberglass Other	<u>99</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 1: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0					
		POINT COUNT RESULTS ON THE BACK					
	4	Color <u>tan</u> Texture <u>gran</u> Homogeneity <u>4</u> # of Layers <u>2</u> Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile Amosite Other	<u>4</u> Cellulose Fiberglass Other	<u>96</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 1: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0					
		POINT COUNT RESULTS ON THE BACK					

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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CITY_21MC100_003391221

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 OLVP BH-2

Client / Project DOE/M833/100 Trinity Place, NY 10006Project No. 14584-0861Analysis Date 4/13/01Analyst E. A. CanaserosBatch No. 20259

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1	Color <u>tan</u> Texture <u>gran</u> Homogeneity <u>4</u> # of Layers <u>4</u> Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose <u>2</u> Fiberglass _____ Other _____	Mineral Filler <u>98</u> 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>tan</u> Texture <u>gran</u> Homogeneity <u>4</u> # of Layers <u>4</u> Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose <u>100</u> Fiberglass _____ Other _____	Mineral Filler <u>100</u> 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>tan</u> Texture <u>gran</u> Homogeneity <u>4</u> # of Layers <u>4</u> Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose <u>100</u> Fiberglass _____ Other _____	Mineral Filler <u>100</u> 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>tan</u> Texture <u>gran</u> Homogeneity <u>4</u> # of Layers <u>4</u> Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose <u>100</u> Fiberglass _____ Other _____	Mineral Filler <u>100</u> 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

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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 10079

Microscope OLYMP BH-2

Client / Project DOE/M833/100 Trinity Place NY NY 10006Project No. 14584-0861Analysis Date 4/13/07Analyst E. A. CHARTERISBatch No. 20259

1 Field No.	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
9	Color <u>tan</u>	Texture <u>gran</u>	Morphology	Extinction	Chrysotile	Cellulose	Mineral Filler	Organic
Required	Homogeneity		RI I	RI II	Amosite	Fiberglass	Organic Binders	Residue
Recommended	# of Layers	Asbestos	DS Color	Color, Pleo	Other	Other	Vermiculite	Carbonate
Gravimetric PREP	Color of Layer	Detected Yes No	Biref	Sign			Other	Other
Gravimetric (NOB) PLM	Comments:				Q.C.			Asbestos
Gravimetric (NOB) TEM	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 prep. Asbestos = 0				☐			
POINT COUNT RESULTS ON THE BACK								
2 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	Homogeneity		RI I	RI II	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 + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 prep. Asbestos = 0				☐			
3 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	Homogeneity		RI I	RI II	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 + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 prep. Asbestos = 0				☐			
4 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	Homogeneity		RI I	RI II	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 + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 prep. Asbestos = 0				☐			

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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