



AMA Analytical Services, Inc.

Fiber Count Sheet For Transmission Electron Microscopy

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Date of Analysis: 9/21/01 AMA Sample #: 0177773 Filler Type/Size: MCE 25 μm PC mm
 Client: IT Corp. Sample #: ET 0925-P3 Filler Porosity: NP μm , Lot #: NP
 Chain of Custody #: 87464 Grid Acceptable: Y/N Orientation of Letter F: X 1
 Analyst: GE Camy Grid Storage Box #: 01387 Working Mag: 15 K L.O.D./Sensitivity: s/mm² O. s/cc
 Signed: Row #: 10 Grid: A/B/C Accel. Voltage: 100 kV Volume of Air Sampled: 454 L
 Method / type (circle): EPA Level II AMERA Other: Air Water Wipe Grid Openings to observe: 8

Grid Opening # Location	Structure #	Structure Type	Length & Width (in Microns)	SAED # Rows	Spectrum #	Elements Identified	Fiber Negative #	SAED Negative #	Magnification Or Camera Length
<u>1/y1</u>	<u>1</u>	<u>M</u>	<u>2.05 : 0.05</u>	<u>NP</u>	<u>—</u>				<u>K</u> <u>CM</u>
<u>2/k9</u>	<u>2</u>	<u>M</u>	<u>7.5 : 0.11</u>	<u>Pos</u>	<u>Ch</u>				<u>K</u> <u>CM</u>
	<u>3</u>	<u>M</u>	<u>0.5 : 0.07</u>	<u>Pos</u>	<u>Ch</u>				<u>K</u> <u>CM</u>
<u>3/52</u>	<u>4</u>	<u>M</u>	<u>0.75 : 0.06</u>	<u>Pos</u>	<u>Ch</u>				<u>K</u> <u>CM</u>
	<u>5</u>	<u>M</u>	<u>1.05 : 0.15</u>	<u>Pos</u>	<u>Ch</u>				<u>K</u> <u>CM</u>
<u>4/NO</u>	<u>6</u>	<u>F</u>	<u>3.45 : 0.09</u>	<u>Pos</u>	<u>Ch</u>				<u>K</u> <u>CM</u>
	<u>7</u>	<u>M</u>	<u>1.45 : 0.05</u>	<u>Pos</u>	<u>Ch</u>				<u>K</u> <u>CM</u>
<u>5/22</u>	<u>8</u>	<u>B</u>	<u>12.8 : 0.4</u>	<u>Pos</u>	<u>Ch</u>				<u>K</u> <u>CM</u>
	<u>9</u>	<u>M</u>	<u>1.75 : 0.17</u>	<u>Pos</u>	<u>Ch</u>				<u>K</u> <u>CM</u>
	<u>10</u>	<u>M</u>	<u>1.2 : 0.12</u>	<u>Pos</u>	<u>Ch</u>				<u>K</u> <u>CM</u>
<u>6/69</u>	<u>11</u>	<u>F</u>	<u>2.6 : 0.07</u>	<u>Pos</u>	<u>Ch</u>				<u>K</u> <u>CM</u>
	<u>12</u>	<u>F</u>	<u>1.0 : 0.07</u>	<u>Pos</u>	<u>Ch</u>				<u>K</u> <u>CM</u>
	<u>13</u>	<u>M</u>	<u>1.5 : 0.10</u>	<u>Pos</u>	<u>Ch</u>				<u>K</u> <u>CM</u>
	<u>14</u>	<u>F</u>	<u>2.3 : 0.07</u>	<u>Pos</u>	<u>Ch</u>				<u>K</u> <u>CM</u>
	<u>15</u>	<u>F</u>	<u>1.25 : 0.07</u>	<u>Pos</u>	<u>Ch</u>				<u>K</u> <u>CM</u>

Legend: NSD = No Structures Detected F = Fiber B = Bundle C = Cluster M = Matrix UTO = Unable to Obtain ☒ = 2nd Grid

Total # of Grid Openings Observed 8 = 0.088 mm² # of Structures Counted: 19
 Asbestos Type: Chrys 15 s < 5 μm + 3 s $\geq$ 5 μm = s/mm² = s/cc
 Asbestos Type: s < 5 μm + s $\geq$ 5 μm = s/mm² = s/cc
 Non-Asbestos Type: 1 s < 5 μm + s $\geq$ 5 μm = s/mm² = s/cc
 Total asbestos structures counted = 18 s = 205 s/mm² 0.1735 s/cc

SAED Calibration Date: 9/21/01 Mean Grid Opening Area is 0.0 110 mm²
 EDXA Calibration Date: 1/1 Spectra Disk Identification #:
 Mag. Calibration Date: 9/21/01 EM Serial Number is: 156120-35

Notes: ~ 482507 particles - no fibers
Result may be biased - Note on
456
06.003189 Report



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Date of Analysis: 9/24/01 AMA Sample #: 0177773 Filter Type/Size: MCE 25 mm PC mm
 Client: IT Corp. Sample #: ET 0925 P3 Filter Porosity: NP μ m, Lot #: NP
 Chain of Custody #: 87464 Grid Acceptable: Y/N Orientation of Letter F: _____
 Analyst: GE Camy Grid Storage Box #: 01387 Working Mag: 15 K L.O.D./Sensitivity: _____ s/mm² 0. _____ s/cc
 Signed: _____ Row #: 10 Grid: ABC Accel. Voltage: 100 kV Volume of Air Sampled: _____ L
 Method / type (circle): EPA Level II AHERA Other: _____ Air Water Wipe Grid Openings to observe: _____

Grid Opening # Location	Structure #	Structure Type	Length & Width (In Microns)	SAED # Rows	Spectrum #	Elements Identified	Fiber Negative #	SAED Negative #	Magnification Or Camera Length	
<u>7/97</u> ☒	<u>16</u>	<u>B</u>	<u>6.5 : 0.25</u>	<u>pas</u>	<u>Cl</u>				<u>K</u>	<u>CM</u>
☐	<u>17</u>	<u>M</u>	<u>3.5 : 4.12</u>	<u>pas</u>	<u>Cl</u>				<u>K</u>	<u>CM</u>
☐	<u>18</u>	<u>M</u>	<u>1.25 : 4.10</u>	<u>pas</u>	<u>Cl</u>				<u>K</u>	<u>CM</u>
<u>8/11</u> ☒	<u>19</u>	<u>F</u>	<u>1.0 : 0.09</u>	<u>pas</u>	<u>Cl</u>				<u>K</u>	<u>CM</u>
☐			:						<u>K</u>	<u>CM</u>
☐			:						<u>K</u>	<u>CM</u>
☐			:						<u>K</u>	<u>CM</u>
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☐			:						<u>K</u>	<u>CM</u>
☐			:						<u>K</u>	<u>CM</u>

Legend: NSD = No Structures Detected F = Fiber B = Bundle C = Cluster M = Matrix UTO = Unable to Obtain ☒ = 2nd Grid

Total # of Grid Openings Observed _____ = _____ mm² # of Structures Counted: _____

Asbestos Type: _____ s < 5 μ m + _____ s $\geq$ 5 μ m = _____ s/mm² = _____ s/cc

Asbestos Type: _____ s < 5 μ m + _____ s $\geq$ 5 μ m = _____ s/mm² = _____ s/cc

Non-Asbestos Type: _____ s < 5 μ m + _____ s $\geq$ 5 μ m = _____ s/mm² = _____ s/cc

Total asbestos structures counted _____ = _____ s = _____ s/mm² = _____ s/cc

SAED Calibration Date: 9/21/01 Mean Grid Opening Area is 0.0 110 mm² Notes: _____

EDXA Calibration Date: 1/1 Spectra Disk Identification #: _____

Mag. Calibration Date: 9/24/01 EM Serial Number is: 156120-35 452-3

06.003190