



# AMA Analytical Services, Inc.

## Fiber Count Sheet For Transmission Electron Microscopy

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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  $\mu$ m, Lot #: NP  
 Chain of Custody #: 87464 Grid Acceptable: Y/N Orientation of Letter F: K 1  
 Analyst: GECarry Grid Storage Box #: 01387 Working Mag: 15 K L.O.D./Sensitivity: mm<sup>2</sup> 0. 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 ASHERA 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>2.65 : 0.5</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>Chg</u> |                     |                  |                 | <u>K</u> <u>CM</u>             |
|                         | <u>3</u>    | <u>M</u>       | <u>0.5 : 0.07</u>           | <u>Pos</u>  | <u>Chg</u> |                     |                  |                 | <u>K</u> <u>CM</u>             |
| <u>3/j2</u>             | <u>4</u>    | <u>M</u>       | <u>0.75 : 0.06</u>          | <u>Pos</u>  | <u>Chg</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/n8</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/z2</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/q9</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 mm<sup>2</sup> # of Structures Counted: 19  
 Asbestos Type: Chrysotile 15 s < 5  $\mu$ m + 3 s  $\geq$  5  $\mu$ m = mm<sup>2</sup> s/cc  
 Asbestos Type:                      s < 5  $\mu$ m +                      s  $\geq$  5  $\mu$ m = mm<sup>2</sup> s/cc  
 Non-Asbestos Type:                      s < 5  $\mu$ m +                      s  $\geq$  5  $\mu$ m = mm<sup>2</sup> s/cc  
 Total asbestos structures counted = 18 s = 205 s/mm<sup>2</sup> = 0.1731 s/cc

06.003341

SAED Calibration Date: 9/21/01 Mean Grid Opening Area is 0.0 110 mm<sup>2</sup>  
 EDXA Calibration Date: 1/1 Spectra Disk Identification #:                       
 Mag. Calibration Date: 9/21/01 EM Serial Number is: 156120-35

Notes: 402507 particulate - asbestos  
Result maybe based - Note on  
Report