



ELECTRON-MICROSCOPY SERVICE LABORATORIES INC.
ANALYTICAL SERVICES • CONSULTATION • INSTRUCTIONAL COURSES

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CLIENT: DUPONT
Haskell Laboratory
Elkton Road
Newark, Delaware 19711

Asbestos fiber analysis by Scanning Electron Microscopy (SEM)
and Energy Dispersive X-ray Microanalysis (EDX)

AIR SAMPLE # 52-6

1. Number of fibers in 100 fields at 480X 4,776
2. Fibers/cc 480X 45.38
3. Asbestos fibers/cc at 480X 44.99
4. Type of asbestos chrysotile
5. Asbestos fibers/cc including "thin" long 59.90
6. Asbestos fibers/cc including "thin" long 63.08
and "thin" short
7. Ratio of thin fibers 6/15
thick fibers
8. Ratio of short fibers 1/20
long fibers

Comments: Chrysotile fiber bundles with aspect ratio less than 3:1 were noted at 480X magnification. These were approximately as abundant as chrysotile fiber bundles greater than 3:1 in aspect ratio. They were not included in the count.

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Director

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