

AIR SAMPLE ANALYSIS

Sample # 24-78

Concentration 1.278 f/cc

Slide Number 24 Mounted on 6/6 Analyzed on 6/12

Fibers 133/2 Fields 100 Average Fibers/Field .665

Blank Filter:

Number _____ Fibers per _____ Fields Average Fibers/Field _____

Concentration = $\frac{(\text{Average Count of Sample} - \text{Blank Filter Count}) \times (\text{Filter Area})}{(\text{Field Area}) \times (\text{Average Flow Rate}) \times (\text{Sample Time}) \times (1000)}$

Fibers/Cubic Centimeter of Air = $\frac{(.665 -) (855)}{(.003) (2.0) (74.13) (1000)} = \frac{(568.58)}{(444.8)} = 1.278$

Microscopist gwl

Computations By CPD



CTD017929

AIR SAMPLING DATA SUMMARY

Concentration F/CS

☐ Ending _____

CTD017930

AIR SAMPLE ANALYSIS

Sample # 25-78

Concentration 1.841 f/cc

Slide Number #25-78 Mounted on 5/30 Analyzed on 6/6

Fibers 183/2 Fields 115 Average Fibers/Field .796

77 1/2 / 55 ND 86 1/2 / 60 Conc

Blank Filter:

Number _____ Fibers per _____ Fields _____ Average Fibers/Field _____

Concentration = $\frac{(\text{Average Count of Sample} - \text{Blank Filter Count}) \times (\text{Filter Area})}{(\text{Field Area}) \times (\text{Average Flow Rate}) \times (\text{Sample Time}) \times (1000)}$

Fibers/Cubic Centimeter of Air = $\frac{(.796 -) (855)}{(.003) (2.0) (61.6) (1000)} = \frac{(680.58)}{(369.6)} = 1.8413$

Microscopist M. J. Jones

Computations By JD

SAMPLER: JW Average Air Flow 2.0 Exposure Time 71.66
Break - 10.00
61.66