

AIR SAMPLE ANALYSIS

Sample # 35-78

Concentration .4239 f/cc

Slide Number 35-78 Mounted on 7 Analyzed on 6-29-78

Fibers 54/2 Fields 102 Average Fibers/Field .2647

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 = $\frac{(.2647 -) (855)}{(.003) (4.95) (9.25) (1000)} = \frac{.22632}{(533.81)} = .4239$

Microscopist MS.

Computations By AW

PLAINTIFF'S EXHIBIT

CT-571

CTD017953

Sample # 35-78

Time 1:20 ^{am} ~~PM~~

☒ Personal ☐ Environmental

Concentration	P/conc
0.0001	0.0001
0.0002	0.0002
0.0005	0.0005
0.001	0.001
0.002	0.002
0.005	0.005
0.01	0.01
0.02	0.02
0.05	0.05
0.1	0.1
0.2	0.2
0.5	0.5
1.0	1.0
2.0	2.0
5.0	5.0
10.0	10.0
20.0	20.0
50.0	50.0
100.0	100.0
200.0	200.0
500.0	500.0
1000.0	1000.0
2000.0	2000.0
5000.0	5000.0
10000.0	10000.0
20000.0	20000.0
50000.0	50000.0
100000.0	100000.0
200000.0	200000.0
500000.0	500000.0
1000000.0	1000000.0
2000000.0	2000000.0
5000000.0	5000000.0
10000000.0	10000000.0
20000000.0	20000000.0
50000000.0	50000000.0
100000000.0	100000000.0
200000000.0	200000000.0
500000000.0	500000000.0
1000000000.0	1000000000.0
2000000000.0	2000000000.0
5000000000.0	5000000000.0
10000000000.0	10000000000.0
20000000000.0	20000000000.0
50000000000.0	50000000000.0
100000000000.0	100000000000.0
200000000000.0	200000000000.0
500000000000.0	500000000000.0
1000000000000.0	1000000000000.0
2000000000000.0	2000000000000.0
5000000000000.0	5000000000000.0
10000000000000.0	10000000000000.0
20000000000000.0	20000000000000.0
50000000000000.0	50000000000000.0
100000000000000.0	100000000000000.0
200000000000000.0	200000000000000.0
500000000000000.0	500000000000000.0
1000000000000000.0	1000000000000000.0
2000000000000000.0	2000000000000000.0
5000000000000000.0	5000000000000000.0
10000000000000000.0	10000000000000000.0
20000000000000000.0	20000000000000000.0
50000000000000000.0	50000000000000000.0
100000000000000000.0	100000000000000000.0
200000000000000000.0	200000000000000000.0
500000000000000000.0	500000000000000000.0
1000000000000000000.0	1000000000000000000.0
2000000000000000000.0	2000000000000000000.0
5000000000000000000.0	5000000000000000000.0
10000000000000000000.0	10000000000000000000.0
20000000000000000000.0	20000000000000000000.0
50000000000000000000.0	50000000000000000000.0
100000000000000000000.0	100000000000000000000.0
200000000000000000000.0	200000000000000000000.0
500000000000000000000.0	500000000000000000000.0
1000000000000000000000.0	1000000000000000000000.0
2000000000000000000000.0	2000000000000000000000.0
5000000000000000000000.0	5000000000000000000000.0
10000000000000000000000.0	10000000000000000000000.0
20000000000000000000000.0	20000000000000000000000.0
50000000000000000000000.0	50000000000000000000000.0
100000000000000000000000.0	100000000000000000000000.0
200000000000000000000000.0	200000000000000000000000.0
500000000000000000000000.0	500000000000000000000000.0
1000000000000000000000000.0	1000000000000000000000000.0
2000000000000000000000000.0	2000000000000000000000000.0
5000000000000000000000000.0	5000000000000000000000000.0
10000000000000000000000000.0	1000000

Employee Al Huse Employee # _____ Classification Supervisor

Dept. 902-905 Location/Operation Finishing Area & Fittness

Pump Used: ☐ Bendix C115 Serial #1003 ☒ Bendix BDX44 Serial #8-77-2322

☐ _____

Calibrated 4-76-78 Checked Calibration ☐ Beginning

☐ Ending

Sampling Medium: ☒ Filter ☒ Pad ☐ Screen ☐

Manufacturer: ☐ Millipore ☐ Batch # 308223

Weather Conditions: ☐ Hot ☒ Warm ☒ Cool ☐ Steamy ☐ Humid ☐ Rainy ☐ Dry

☐ Windy ☐ Calm ☐

Production Rate: ☐ Above Normal ☒ Normal ☐ Below Normal ☐ Machine Down

Comments:

Ventilation: ☐ Dust Hoods ☐ Dust Collector ☒ Windows Open ☐ Fans Operating

Air Velocity

Personal Protection: ☐ Disposable Respirator ☐ Permanent Respirator ☐ Power Pack

☐ White Suit ☐ Face Shield ☐ Hearing Protection ☒ Head Protection

☒ Foot Protection ☐ None ☐

Product in Process: (Furnish) 10" / 50

Comments: ☐ Beard ☐ Smoking ☐ Long Hair

Time Log: Time Started Pump 1:20 Flow Meter Reading 00937

Time Stopped Pump 3.00 Flow Meter Reading 05317

AREA	TIME READING		MINUTES		
	IN	OUT	IN	OUT	TOTAL
45 min in plant 3					
TOTAL SAMPLING TIME					

SAMPLER: *Q10* Average Air Flow *1.95* Exposure Time *91.25*

CTD017954