

AIR SAMPLE ANALYSIS

Sample # 67-78

Concentration _____ f/cc

Slide Number 67-78 Mounted on 1/5 Analyzed on 1/8

Fibers 28 1/2 Fields 100 Average Fibers/Field .14

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 = $\frac{(.14 -) (855)}{(.003) (1.72) (151) (1000)} = \frac{(119.7)}{(779.16)} = 1536$

Microscopist [Signature]

Computations By [Signature]



CTD018039

Sample # 67-10

Time 1:29 PM

☐ Personal ☒ Environmental

Concentration	P/cc
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Employee _____ Employee # _____ Classification _____

Dept. 90 Location/Operation At the line #2 Ballstoning Press

Pump Used: ☒ Bendix C115 Serial #1003 ☐ Bendix BDX44 Serial #8-77-2322 *Approved By Seller [Signature]*

☐ _____

Calibrated _____ Checked Calibration ☐ Beginning ~~_____~~

☒ Ending 1.59

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: 10" 150

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 ☐ Gloves ☐ Apron ☐

Product in Process: (Furnish)

Comments: ☐ Beard ☐ Smoking ☐ Long Hair _____

Time Log: Time Started Pump 1:27 pm Flow Meter Reading

Time Stopped Pump 7:50 am Flow Meter Reading _____

AREA	TIME READING		MINUTES		
	IN	OUT	IN	OUT	TOTAL
<i>River West Tower at 3:00</i>					
TOTAL SAMPLING TIME					

SAMPLER: 10 Average Air Flow 1.72 Exposure Time 31