

Ace Lab Systems
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Biological Safety Cabinet Test Report : <u>9-140115-3</u>

Work Order #: 109500

Ace ID# ***91347***

Next Test Due JAn 2015

Institution: Datarecovery.com	Service Reres		rooks Darr	yl_
Department: N/A		e Tested:	21-15-14	
Address: 110 North Research Dr.	Instrument Manufacturer: Envirco			
City, State, ZIP: Edwardsville IL 62025		Model: 111-Z0-		
Contact: Laura Hunter		Serial #: S09-12	0V-00790	
Phone Number: (800) 237-4200		Location:		
This unit meets the requirements of the following standards of specifications as by the National Sanitation Foundation, Standards				a establis
Tests Conducted	`		ing Results	
Particle Count Electrical Safety	Unit Certif	ied	☐ Unit Not Cert	ified
HEPA Filter Leak Test Decontamination	Remarks:	FLORE TO	st Satis Pack	74,
☐ Velocity Profile and Volume ☐ Federal Standard 209E		7,,,,,,,,,,,	or critical record	<i>,,,</i>
Face Velocity NSF No. 49	Mag Gauge	K WORK ARCA	meel class 5	
☐ Airflow Smoke Patterns ☑ Manufacturer Specifications	Reading	Per 150 146		
Lighting Intensity	. <u> </u>			
	<u></u>			
Other	<u> </u>			
93 90 95 83 90 116	Rear:		1 1 1	1
+++++++++++++++++++++++++++++++++++++++	Center: _n/A		+ + + +	- +
 		/ + 	++++	- +
84 81 86 87 92 87	Front:	<u> L i </u>	نـ نـ نـ نـ	
	Sash			
N + + + + + + + + + + + 1	Opening:	<i>IA</i> + +	++++	- +
l + + + + + + + + + + +		+ +	++++	- +
		ــــــــــــــــــــــــــــــــــــــ	<u> </u>	
Supply	Average Exhaust Ve	elocity: Fee	et Per Minute	NIA
Average Downflow Velocity: 90 Feet Per Minute 80-120	Effective Filter Area: Square Feet Range			
Range	Exhaust Air Vo	olume: ∠ Cul	oic Feet Per Minute	///A Range
Smoke Airflow Patterns	W	ork Access Ope	ning Airflow	<u>v</u>
This test insures that airflow is inward along the entire perimeter of the work	Area of Access Opening: Square Feet			
access opening, that airflow within the work area is downward with no dead spots or refluxing, that outside air does not pass on or over the work surface,		/elocity: 1/2 Fee		Ola
and there is no refluxing or escape of smoke from the biological safety cabinet.	Measured V	. /	et Per Minute	Range
Inside Cabinet Meets Specifications	IVICASUICU V			
		HEPA Filter		
Centerline of the work surface, 4 inches above the top of the work access opening.	☑ No leaks a	bove 0.01% 🔲 Le		s Repaire
One inch habital window 6 inches above	Acceptance:	: Aerosol pene	etration shall not exce	ed 0.01%
One inch behind window, 6 inches above the top of the work access opening.		Lighting Inte	ensity	
Outside Cabinet	Visible Lighting	Intensity: 33	Foot Candles at work	Surface
Along the entire Perimeter of the work	U.V. Lighting	Intensity: <u>DIA</u> 1	uW/cm sqr. at work s	urface
access opening, 1.5 in. from opening.		Electrical S	afety	
Sash/window seal test	Pass			
Smoke shall be passed up the inside of the window 2 in (5cm) from the sides and along				
the top of the work area.		Equipment I		
	Acres I Photomator	Make and Mode		Cal Dat
3 (2 (Aerosal Photometer: Air Velocity Meter:	709-286	9623 971/0212	03-13
Dany Bush	Particle Counter:	TS18346 A2400	000100515	11-13
	1	110100		w//."

Particle Counts Customer

FEDERAL STANDARD 209E STATISTICS Seria
AVERAGE PARTICLES / CURIC FOOT

Manufacturer Model Serial Number Location DATA RECOVERY, COM ENVIR CO 111-204-UL 504-120V-00790

	AL STAND GE PARTI			
CYCLE SIZE		VOL :	= 1.000 DIFFE	3 CU FT PENTION
CYCLE SIZE		VOL: TIVE	= 1.000 DIFFER	CU FT ENTIAL
CYCLE:		VOL =	= 1.000 DIFFER	CU FT
CYCLES		VOL =	: 1.000 DIFFER	CU FT FNTTAL
CYCLES		VOL = TUF	1.000 NIFFFR	CU FT ENTIAL
				ENTIAL 28.4 2.0 0.2 0.0
SIZE 0.3u	STD DEV 5.2		ERR 95	

0.5u

1.00

5.00

2.2

0.4

0.0

1.0

0.2

0.0

4.3

0.6

0.0