



# BIOHAZARD SAFETY CABINET



## TEST REPORT DETAILS II

1601 Las Plumas  
San Jose, CA 95133  
(408) 347-3400

PROJECT:

ROOM No.:

CABINET ID:

CLASS / TYPE:

### HEPA FILTER LEAK TEST

Supply Challenge

µg/l

Exh Challenge

µg/l

No Leaks

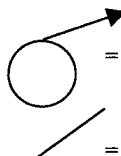
No Leaks

#### Symbols Key:

X = Media Leak

W = Gasket Leak

\* Mechanical Leak



= % of Leak Before Repair

= Leak Repaired to Specified Acceptable Leakage Rates

**Acceptance:** Penetration < 0.01% at any point when filters can be scanned, < 0.005% when filters cannot be scanned.

### Electrical Tests (Only applicable to BSC's manufactured before 2002)

Electrical Leakage

µa

Ground Circuit Resistance

ohms

Polarity

GFI Trips at

ma

**Acceptance:** Electrical Leakage < 500 µa., Ground Circuit Resistance < 0.15 ohm. GFI trips at 5 ma, Polarity pass or fail.

### LIGHTING INTENSITY TEST

#### Background Intensity (lights off)

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Supplemental Light Necessary?

Average Foot-Candles:

#### Lighting Intensity (lights & blower running)

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Lowest reading:

Average Foot-Candles:

**Acceptance:** Measurements average no less than 45 ft-candles greater than background levels, where background levels average 15 ft-candles maximum.

### Noise Level Test

Ambient Level

dbA

Cabinet Operating

dbA

Corrected Noise Level

dbA

**Acceptance:** "Cabinet operating" noise level in front of cabinet < 70 dbA, where "ambient level" < 57 dbA. If ambient level > 57 dbA, cabinet operating noise level must be corrected using instrument curves or tables provided in instrument operator's manual.

If "corrected noise level" is > 70 dbA after correction, ambient noise levels should be evaluated for reduction by qualified personnel.

### Vibration Test

Operating

in. rms

- Off

in. rms

= Disp.

in. rms

**Acceptance:** Displacement < 0.002 in. rms amplitude.

Notes:

Filename: Biofld3br1.XLS (05-03)

Test Date:

Readings by:

FN 8.057.3 Rev 1

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