EMPOWER PHARMACY

12123 Jones Rd.

Houston, Texas 77070

CLEANROOM REPORT

January 31, 2014

1710 Preston, Suite A • Pasadena, TX 77503
Phone: 713-477-9247 • Fax: 713-477-9248
1-888-561-2932
Website: www.slsi.net
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SUPERIOR LABORATORY SERVICES, INC.
EMPOWER PHARMACY
Clean room report

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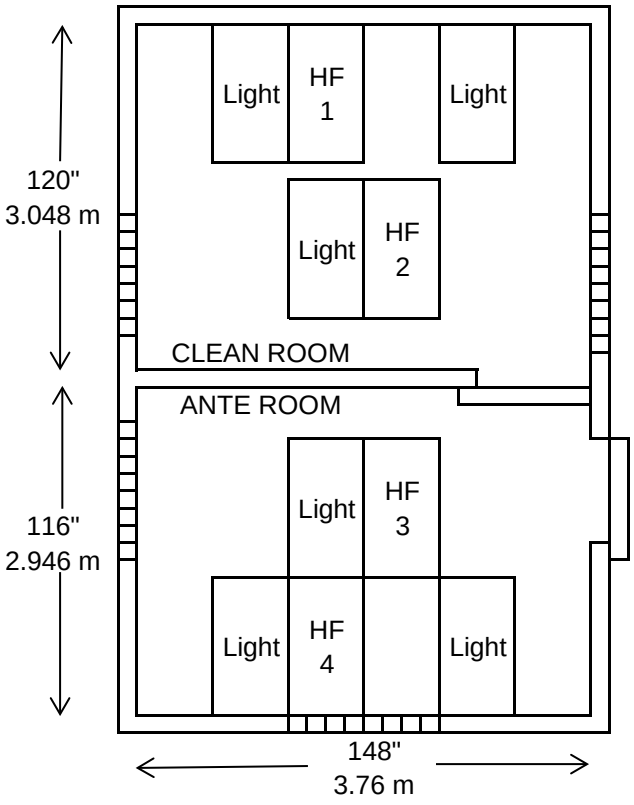
SUPERIOR LABORATORY SERVICES, INC
EMPOWER PHARMACY

HEPA FILTER LOCATIONS



(HF) = HEPA Filter

(m) = Meters

(") = Inches

NOTES:

1 Ceiling height: 2.44 meters or 96 inches or 8 feet

Drawing not to scale

SUPERIOR LABORATORY SERVICES, INC
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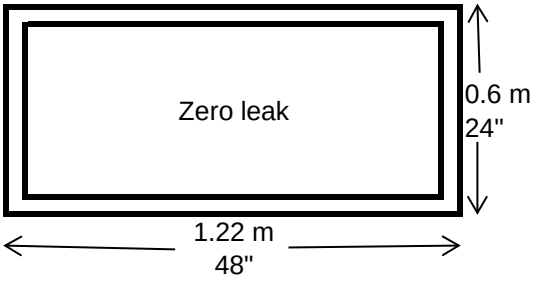
HEPA FILTER No 1 (CLEANROOM)

HEPA FILTER INTEGRITY LEAK TEST



MM = Media leak detected.
XX = HEPA filter frame, gasket and glue joint leak detected.
/// = HEPA filter media repair
BR = Leakage before repair.
AR = Leakage after repair with RTV silicone.
(m) = Meters
(") = Inches

A minimum 10 micro-grams/liter PAO introduced upstream, 100% scan conducted dowstream, leak test results indicated on diagram.

Upstream PAO concentration	100%
Airflow Avg (cfm)	491
Final Penetration	≤ 0.01%
Acceptance (Pass / Fail)	Pass

Acceptance Criteria: The aerosol penetration shall not exceed 0.03% of the upstream concentration at any point.

HEPA FILTER MEDIA PATCH SIZE

Media Area Square Feet	7.02
Patch Size Dimensions (Inches)	0
Patch Size Percentage	0%
Acceptance (Pass / Fail)	Pass

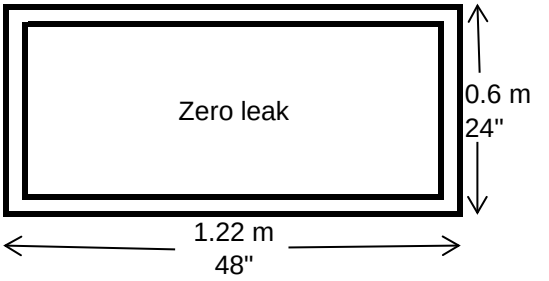
Notes:
Acceptance Criteria: The preferred industry standard for patch size is 3% of the entire filter face area and a single patch can be not greater than 1.5 inches (3.8 cm) in the lesser dimension.

Drawing not to scale

SUPERIOR LABORATORY SERVICES, INC
EMPOWER PHARMACY

HEPA FILTER No 2 (CLEANROOM)

HEPA FILTER INTEGRITY LEAK TEST



MM = Media leak detected.
XX = HEPA filter frame, gasket and glue joint leak detected.
/// = HEPA filter media repair
BR = Leakage before repair.
AR = Leakage after repair with RTV silicone.
(m) = Meters
(") = Inches

A minimum 10 micro-grams/liter PAO introduced upstream, 100% scan conducted dowstream, leak test results indicated on diagram.

Upstream PAO concentration	100%
Airflow Avg (cfm)	500
Final Penetration	≤ 0.01%
Acceptance (Pass / Fail)	Pass

Acceptance Criteria: The aerosol penetration shall not exceed 0.03% of the upstream concentration at any point.

HEPA FILTER MEDIA PATCH SIZE

Media Area Square Feet	7.02
Patch Size Dimensions (Inches)	0
Patch Size Percentage	0%
Acceptance (Pass / Fail)	Pass

Notes:
Acceptance Criteria: The preferred industry standard for patch size is 3% of the entire filter face area and a single patch can be not greater than 1.5 inches (3.8 cm) in the lesser dimension.

Drawing not to scale

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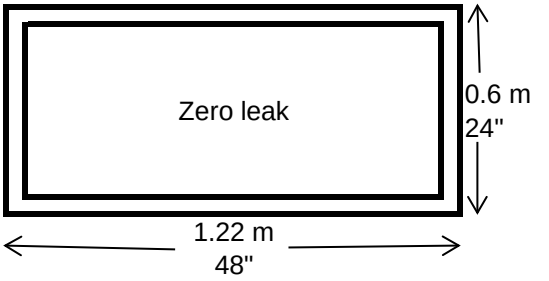
EMPOWER PHARMACY

HEPA FILTER No 3 (ANTEROOM)

HEPA FILTER INTEGRITY LEAK TEST



MM = Media leak detected.
XX = HEPA filter frame, gasket and glue joint leak detected.
/// = HEPA filter media repair
BR = Leakage before repair.
AR = Leakage after repair with RTV silicone.
(m) = Meters
(") = Inches

A minimum 10 micro-grams/liter PAO introduced upstream, 100% scan conducted dowstream, leak test results indicated on diagram.

Upstream PAO concentration	100%
Airflow Avg (cfm)	479
Final Penetration	≤ 0.01%
Acceptance (Pass / Fail)	Pass

Acceptance Criteria: The aerosol penetration shall not exceed 0.03% of the upstream concentration at any point.

HEPA FILTER MEDIA PATCH SIZE

Media Area Square Feet	7.02
Patch Size Dimensions (Inches)	0
Patch Size Percentage	0%
Acceptance (Pass / Fail)	Pass

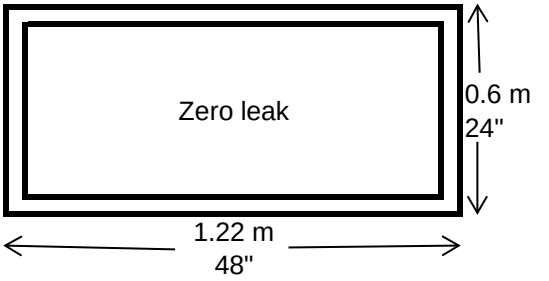
Notes:
Acceptance Criteria: The preferred industry standard for patch size is 3% of the entire filter face area and a single patch can be not greater than 1.5 inches (3.8 cm) in the lesser dimension.

Drawing not to scale

SUPERIOR LABORATORY SERVICES, INC
EMPOWER PHARMACY

HEPA FILTER No 4 (ANTEROOM)

HEPA FILTER INTEGRITY LEAK TEST



MM = Media leak detected.
XX = HEPA filter frame, gasket and glue joint leak detected.
/// = HEPA filter media repair
BR = Leakage before repair.
AR = Leakage after repair with RTV silicone.
(m) = Meters
(") = Inches

A minimum 10 micro-grams/liter PAO introduced upstream, 100% scan conducted dowstream, leak test results indicated on diagram.

Upstream PAO concentration	100%
Airflow Avg (cfm)	585
Final Penetration	≤ 0.01%
Acceptance (Pass / Fail)	Pass

Acceptance Criteria: The aerosol penetration shall not exceed 0.03% of the upstream concentration at any point.

HEPA FILTER MEDIA PATCH SIZE

Media Area Square Feet	7.02
Patch Size Dimensions (Inches)	0
Patch Size Percentage	0%
Acceptance (Pass / Fail)	Pass

Notes:
Acceptance Criteria: The preferred industry standard for patch size is 3% of the entire filter face area and a single patch can be not greater than 1.5 inches (3.8 cm) in the lesser dimension.

Drawing not to scale

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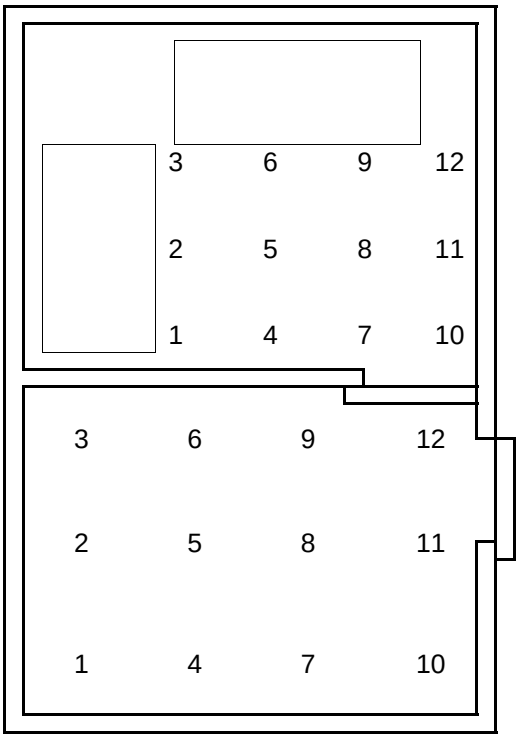
PARTICLE COUNTS POINT LOCATIONS



Notes:

1 Room Particle Counts conducted 42 inches (1.07 meters) above floor under "Operational" conditions.
2 Each Particle Count was conducted using one minute sample time at one cubic feet per a minute air volume (28.3 L/min). (Exceeding the require 2 liters, with a minimum sampling time at each location of 1 minute).
3 Statistical analysis and 95% Upper Confidence Limit (UCL) were not performed due to count locations exceeding nine counts per each room. ISO 14644.1:1999(E) " When only a single location is sampled, or when more than nine are sampled, the 95% upper confidence limit is not applicable".

Drawing not to scale

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Particle Count Cleanroom Report Tested at 0.5 Micron or larger

Class ISO 7. Tested "Dynamic"				
ROOM	GRID POINT	PER CUBIC FEET	PER CUBIC METER	Pass / Fail
ISO CLASS 7	1	1	35	Pass
	2	6	212	Pass
	3	12	424	Pass
	4	89	3,143	Pass
	5	8	283	Pass
	6	0	0	Pass
	7	34	1,201	Pass
	8	104	3,673	Pass
	9	80	2,825	Pass
	10	131	4,626	Pass
	11	98	3,461	Pass
	12	108	3,814	Pass
Mean Size		56	1,975	

Acceptance: < 352,000 Particles Per Cubic Meter.

Particle Count Ante Room Report Tested at 0.5 Micron or larger

Class ISO 7. Tested "Dynamic"				
ROOM	GRID POINT	PER CUBIC FEET	PER CUBIC METER	Pass / Fail
ISO CLASS 7	1	289	10,206	Pass
	2	411	14,515	Pass
	3	489	17,269	Pass
	4	279	9,853	Pass
	5	47	1,660	Pass
	6	103	3,637	Pass
	7	899	31,748	Pass
	8	386	13,632	Pass
	9	192	6,781	Pass
	10	814	28,747	Pass
	11	384	13,561	Pass
	12	420	14,832	Pass
Mean Size		393	13,870	

Acceptance: < 352,000 Particles Per Cubic Meter.

SUPERIOR LABORATORY SERVICES, INC.
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AIR FLOW VOLUME READINGS

CLEAN ROOM				
FILTER	FPM	CFM	Meters Per Second	Liters Per Second
1	70	491	0.355	232
2	71	500	0.362	236
Total		991		468

ANTE ROOM				
FILTER	FPM	CFM	Meters Per Second	Liters Per Second
3	68	479	0.347	226
4	83	585	0.423	276
Total		1064		502

NOTES:

1 Metric (S-1) figures have been calculated from English (I-P) using standard conversion factors.
2 Airflow volumes were taken with a (2 x 4)' Flow hood and digital volume meter.

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AIR CHANGES PER HOUR

ROOM	CLEAN ROOM	ANTE ROOM
Room Area (m^2)	11.46	11.07
Room Volume (m^3)	27.94	27.00
Room Area (ft^2)	123.33	119.2
Room Volume (ft^3)	986.64	953.6
Total Air Volume (cfm)	991	1,064
Air Change Rate (ACH)(*)	60.3	66.9

(m^2) = Square meter
(m^3) = Cubic meter
(ft^2) = Square feet
(ft^3) = Cubic feet
(cfm) = Cubic feet per a minute.
(ACH) = Air changes per a hour.
(*) Air Changes Per Hour = Total Air Volume * 60 / Room Volume

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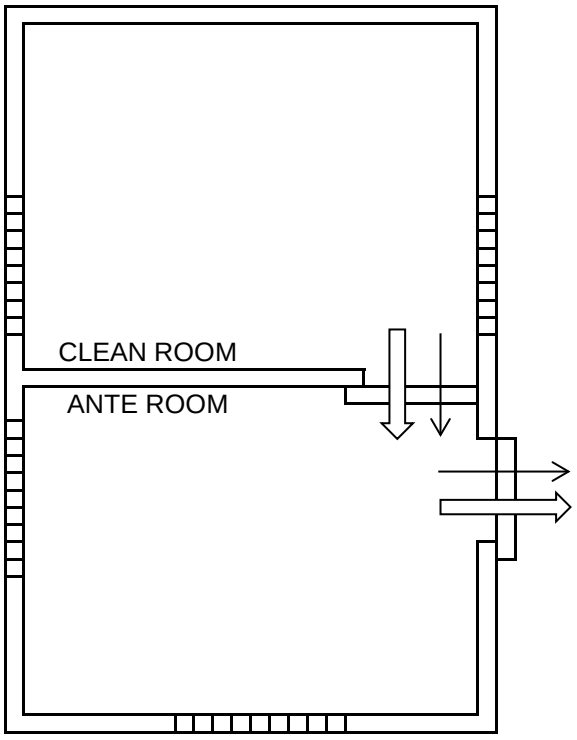
ROOM PRESSURE DIFFERENTIALS



Adjustable dampers

(" W.G.) = Measured in inches water gage.
= Actual room pressurazation direction.
= Design room pressurazation direction.

Room Pressurization (*)	Test Criteria	Test Results	Pass / Fail
Clean room	≥ 0.02	0.027	Pass
Ante room	≥ 0.02	0.037	Pass

(*) = IEST-RP-CC006.3

Drawing not to scale

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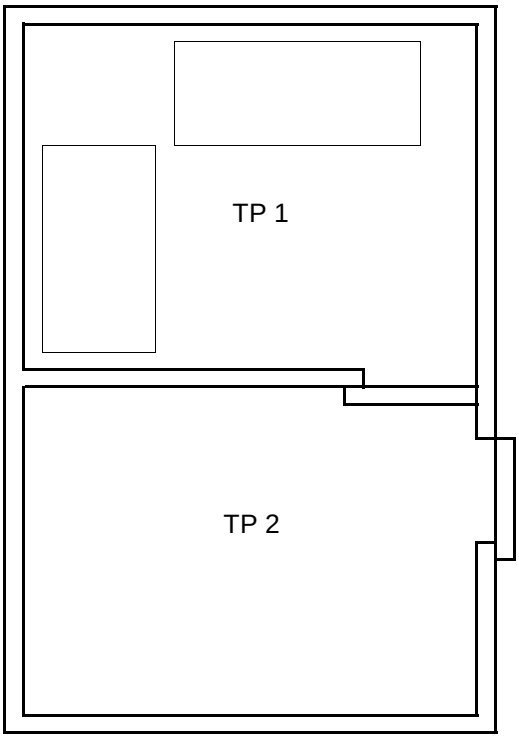
SECONDARY TEST



TP = Test Point Locations.

TEMPERATURE AND RELATIVE HUMIDITY TEST

ROOM	CLEAN ROOM	ANTE ROOM
Temperature (°C) - (°F)	27.55 - 72.3	27.27 - 72.3
Relative Humidity (% RH)	41	43

(°C) = Celsius degree.
(°F) = Farenheit degree.
(%RH) = Percentage of Relative Humidity.

Drawing not to scale

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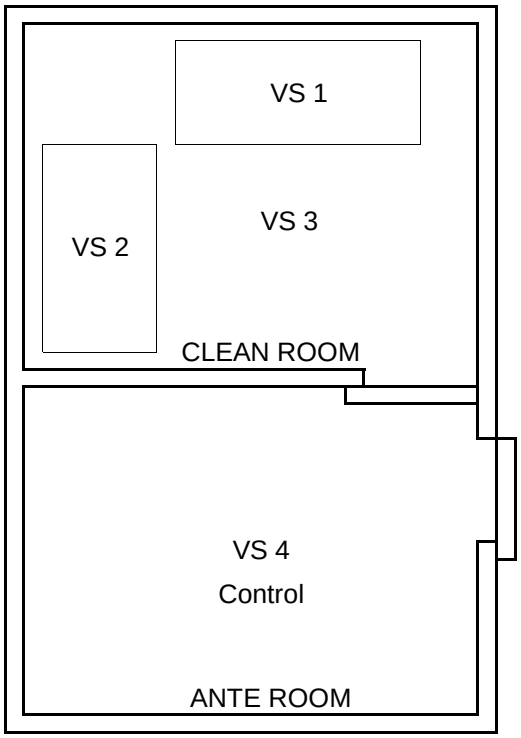
VIABLE SAMPLE POINT LOCATIONS



VS = Viable Sample point

Clean Bench 1	LOT No	EXP. DATE
Tryptic Soy Agar	1331708	3/5/2014
MEA	1332402	2/26/2014

Clean Bench 2	LOT No	EXP. DATE
Tryptic Soy Agar	1331708	3/5/2014
MEA	1332402	2/26/2014

Clean Room	LOT No	EXP. DATE
Tryptic Soy Agar	1331708	3/5/2014
MEA	1332402	2/26/2014

Ante Room	LOT No	EXP. DATE
Tryptic Soy Agar	1331708	3/5/2014
MEA	1332402	2/26/2014

Control	LOT No	EXP. DATE
Tryptic Soy Agar	1331708	3/5/2014
MEA	1332402	2/26/2014

Drawing not to scale

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EQUIPMENT LIST

	EQUIPMENT DATA	PURPOSE
1	TSI Thermoanemometer Model: 8386A S/N: 03040053 Exp: Sept. 2014	Airflow Velocity Pressure test Temperature test Humidity Test
2	Particle Counter TSI Aero Track APC 9310-01 S/N: 93100922005 Exp: Feb 16, 2014	Particle Count
3	Flow Hood AccuBalance Model 8375 S/N: 91112034 Exp: Apr. 2014	Volume (CFM)
4	Smoke tubes	Airflow direction
5	Phototmeter TEC Services Model: PH-5 S/N: 1324 Exp: Jan 07, 2015	HEPA filter leak test
6	ATI Aerosol Generator	PAO Generator

SUPERIOR LABORATORY SERVICES, INC.
EMPOWER PHARMACY
Clean room report

SUMMARY

On January 31, 2014 Superior Laboratory Services, Inc. performed the cleanroom performance test on the cleanroom at Empower Pharmacy located at 12123 Jones Rd, Houston Texas, 77070.
Testing including HEPA filter leak test, room airflow volume test, particle count test, pressure differential test, viable sample test, temperature test, humidity test and two clean benches certifications.
The Cleanroom and the Anteroom were tested "Dynamic" and at 0.5 microns and larger class ISO 7 (<352,000 particles per cubic meter) as specified by ISO 14644.1:1999.
The Cleanroom and the Ante room were tested "Dynamic" as specified by USP 797:2004.
We calculated the grid point layout using this formula NL= √A where "NL" is the minimum number of sampling locations, and "A" is the area of the cleanroom or clean zone in square meters. ISO 14644-1:1999(E).
Superior Laboratory Services, Inc particle count locations exceeds ISO minimum requirements.

Documents and guidelines for this test were:

- ISO 14644.1:1999
- IEST-RP-CC-006.3
- IEST-RP-CC-034.2
- USP 797:2004

The Clean room and the Ante room meet or exceed class ISO 7 at 0.5 micrometers (<352,000 particles per cubic meter) as specified by ISO 14644.1:1999.
The Clean room and the Ante room meet or exceed USP 797.

SLSI will, upon request, provide a cost quotation to perform any repairs, replacements or correction you may deem necessary to achieve the level of performance you desire. Thank you for the opportunity to inspect your Cleanrooms. We value Empower Pharmacy as a client, as well as the opportunity to continue serving you.

We will contact you to schedule the next certification service. Please call if you have any questions or need further assistance.

Alex Rosales
Certification specialist

Superior Laboratory Services, Inc.
LABORATORY & AIR QUALITY SPECIALIST

1710 Preston, Suite A • Pasadena, TX 77503
Phone: 713-477-9247 • Fax: 713-477-9248
1-888-561-2932
Website: www.slsi.net
Email: service@slsi.com

CLEAN BENCH CERTIFICATION REPORT

Unit Certified Yes [√] No [ ]

Test Date	1	31	2014	**Exp. Date**	7	2014	**Certification #**	**3678 A01**

Company	Empower Pharmacy	**Job**	3678	**Hood Mfr**	GERMFREE
Contact		**PO**		**Model**	BZ-6SSRX
Address	12123 Jones Rd.	**Rm**	Clean Room	**Serial**	6S-15-BH-13751
City, State	Houston, TX 77070	**Ph**	832-678-4417	**I.D.**	n/a
E-mail	info@empowerrxpharmacy.com	**Fax**	832-678-4419	**Class**	ISO 5 (100)

ISO 14644.1:1999 [√] Man. Specs. [√] Other: _____

Supply Velocities (fpm)												
93	98	83	91	93	90	82	89	95				
92	95	86	89	81	85	93	93	98				
94	100	98	98	88	93	94	96	101				
101	102	100	101	85	94	97	97	98				

Width 70.5 Height 34

HEPA filter particle test				
0	0	0	0	0
0	0	0	0	0

Tested at 0.5 micron and larger

			Man. Specs.		
Supply Area	16.65	ft²			
Supply Velocity	93	fpm	80	to	100
Supply Volume	1555	cfm	1332	to	1665

Magnehelic: (Inches of water)	N/A
Supply Voltage: (Voltage AC)	N/A
Electric and Polarity Test:	N/A

HEPA FILTER LEAK TEST

Left [ ] Right

M = Media Leak
X = Frame / Glue joint / Gasket leak

Supply HEPA filter 0 % Pass

PAO Concentration: 13 µg/L Calculate method: (13,500 * Laskin nozzle #) / Total airflow CFM

A minimum of 10 µgrams/liter PAO or equivalent Challenge introduced upstream.

Acceptance: Aerosol penetration shall not exceed 0.01% of the upstream concentration at any point.

Prefilter size:	12.25	x	36.25	x	1	Amount of pre-filters:	2	Replaced the filters	No

Comments: _____

Alex Rosales

Superior Laboratory Services, Inc.
LABORATORY & AIR QUALITY SPECIALIST

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Phone: 713-477-9247 • Fax: 713-477-9248
1-888-561-2932
Website: www.slsi.net
Email: service@slsi.com

CLEAN BENCH CERTIFICATION REPORT

Unit Certified Yes [√] No [ ]

Test Date 1 / 31 / 2014 **Exp. Date** 7 / 2014 **Certification #** **3678 A01**

Company	Empower Pharmacy	**Job**	3678	**Hood Mfr**	GERMFREE
Contact		**PO**		**Model**	BZ-6SSRX
Address	12123 Jones Rd.	**Rm**	Clean Room	**Serial**	6S-15-BH-13752
City, State	Houston, TX 77070	**Ph**	832-678-4417	**I.D.**	n/a
E-mail	info@empowerrxpharmacy.com	**Fax**	832-678-4419	**Class**	ISO 5 (100)

ISO 14644.1:1999 [√] Man. Specs. [√] Other: _____

Supply Velocities (fpm)												
94	93	95	99	92	92	98	95	96				
94	94	96	99	97	99	100	99	98				
106	95	102	94	95	96	101	100	105				
107	96	95	102	104	97	92	95	105				

Width 70.5 Height 34

HEPA filter particle test

0	0	0	0	0
0	0	0	0	0

Tested at 0.5 micron and larger

			Man. Specs.		
Supply Area	16.65	ft²			
Supply Velocity	98	fpm	80	to	100
Supply Volume	1626	cfm	1332	to	1665

Magnehelic: (Inches of water) N/A
Supply Voltage: (Voltage AC) N/A
Electric and Polarity Test: N/A

HEPA FILTER LEAK TEST

Left | Right

M = Media Leak
X = Frame / Glue joint / Gasket leak

Supply HEPA filter 0 % Pass

PAO Concentration: 12 µg/L Calculate method: (13,500 * Laskin nozzle #) / Total airflow CFM

A minimum of 10 µgrams/liter PAO or equivalent Challenge introduced upstream.
Acceptance: Aerosol penetration shall not exceed 0.01% of the upstream concentration at any point.

Prefilter size:	12.25	x	36.25	x	1	Amount of pre-filters:	2	Replaced the filters	No

Comments: _____

Alex Rosales

Cleanroom Certification

THIS IS TO CERTIFY THAT

EMPOWER PHARMACY ANTE-ROOM

12123 JONES RD. HOUSTON, TX 77070

MEETS OR EXCEEDS USP 797
MEETS OR EXCEEDS ISO CLASS 7 @ .5 MICROMETERS
(<352,000 PARTICLES PER CUBIC METER) ISO 14644.1:1999
THIS ROOM WAS TESTED "OPERATIONAL"

CERTIFICATION DATE: 01/2014

CERTIFYING SUPERVISOR

EXPIRATION DATE: 07/2014

Performed by: **Superior Laboratory Services, Inc.**
1710 Preston Road, Suite A, Pasadena, Texas 77503
Office: 713-477-9247 / Fax: 713-477-9248
Toll Free: 888-561-2932 Email:service@slsi.net

Cleanroom Certification

THIS IS TO CERTIFY THAT

EMPOWER PHARMACY CLEAN ROOM

12123 JONES RD. HOUSTON, TX 77070

MEETS OR EXCEEDS USP 797
MEETS OR EXCEEDS ISO CLASS 7 @ .5 MICROMETERS
(<352,000 PARTICLES PER CUBIC METER) ISO 14644.1:1999
THIS ROOM WAS TESTED "OPERATIONAL"

CERTIFICATION DATE: 01/2014

CERTIFYING SUPERVISOR

EXPIRATION DATE: 07/2014

Performed by: **Superior Laboratory Services, Inc.**
1710 Preston Road, Suite A, Pasadena, Texas 77503
Office: 713-477-9247 / Fax: 713-477-9248
Toll Free: 888-561-2932 / Email:service@slsi.net

CERTIFICATE OF CALIBRATION

TSI Incorporated, 500 Cardigan Road, Shoreview, MN 55126 USA
TEL:1-800-874-2811 1-651-490-2811 FAX: 1-651-490-3824 www.tsi.com

ENVIRONMENT CONDITION		
TEMPERATURE	22.6	° C
RELATIVE HUMIDITY	20.0	% RH
BAROMETRIC PRESSURE	981	hPa

MODEL	AccuBalance® 8375
SERIAL NO.	91112034

CALIBRATION STANDARDS USED
Manometer Calibration Bench 1

☒ AS LEFT	☒ IN TOLERANCE
☐ AS FOUND	☐ OUT OF TOLERANCE

CALIBRATION DATA

TESTING POINTS	BAROMETRIC PRESSURE MEASURED IN hPa			DIFFERENTIAL PRESSURE MEASURED IN Pa		
	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE
1	669	668	656 ~ 682	23.2	23.2	22.5 ~ 23.9
2	981	981	961 ~ 1001	118	118	115 ~ 121
3	1170	1169	1147 ~ 1193	707	707	693 ~ 721
4	-	-	-	2964	2964	2905 ~ 3024
5	-	-	-	3711	3711	3637 ~ 3785

TESTING POINTS	TEMPERATURE MEASURED IN °C			HUMIDITY MEASURED IN %RH		
	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE
1	-38.9	-38.9	-38.3 ~ -39.4	71.4	71.5	71.3 ~ 71.5
2	-15.0	-15.0	-14.8 ~ -15.2	5.6	5.7	5.5 ~ 5.7
3	25.0	25.0	24.9 ~ 25.1	-	-	-
4	70.0	70.0	69.9 ~ 70.1	-	-	-
5	110.0	110.0	109.8 ~ 110.2	-	-	-

** Indicates out of tolerance condition*

TSI Incorporated does hereby certify that the above described instrument conforms to the original manufacturer's specifications (not applicable to As Found data) and has been calibrated using standards whose accuracies are traceable to the National Institute of Standards and Technology within the limitations of NIST's calibration services or have been derived from accepted values of natural physical constants or have been derived by the ratio type of self calibration techniques. The calibration ratio for this instrument is at least 6.7:1 for barometric pressure and 3:1 for differential pressure. TSI is registered to ISO-9001:2008 and complies with ISO 10012:2003, Quality Assurance Requirements for Measuring Equipment. This report may not be reproduced, except in full, unless permission for the publication of an approved abstract is obtained in writing from the calibration organization issuing this report.

Measurement Variable	System ID Number	Date Last Calibrated	Calibration Due Date
DC Voltage	E002798	07-13-12	01-13-14
DC Voltage	E002797	07-13-12	01-13-14
Pressure	E002173	12-06-12	06-06-13
Pressure	E002447	06-12-12	06-12-13

Calibration procedure used: 10000000787B

Thay Xiong
Calibrated By

Apr. 9, 2013
Calibration Date

TSI P/N 2300157

CERTIFICATE OF CALIBRATION

TSI Incorporated, 500 Cardigan Road, Shoreview, MN 55126 USA
TEL:1-800-874-2811 1-651-490-2811 FAX: 1-651-490-3824 www.tsi.com

ENVIRONMENT CONDITION		
TEMPERATURE	72.6	° F
RELATIVE HUMIDITY	20.0	% RH
BAROMETRIC PRESSURE	28.99	inHg

MODEL	AccuBalance® 8375
SERIAL NO.	91112034

CALIBRATION STANDARDS USED
Manometer Calibration Bench 1

☒ AS LEFT ☒ IN TOLERANCE
☐ AS FOUND ☐ OUT OF TOLERANCE

CALIBRATION DATA

TESTING POINTS	BAROMETRIC PRESSURE MEASURED IN in.Hg			DIFFERENTIAL PRESSURE MEASURED IN in.H2O		
	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE
1	19.76	19.74	19.37 ~ 20.15	0.093	0.093	0.091 ~ 0.095
2	28.98	28.98	28.41 ~ 29.55	0.473	0.473	0.463 ~ 0.483
3	34.54	34.53	33.85 ~ 35.23	2.84	2.84	2.79 ~ 2.89
4	-	-	-	11.9	11.9	11.7 ~ 12.1
5	-	-	-	14.9	14.9	14.7 ~ 15.1

TESTING POINTS	TEMPERATURE MEASURED IN °F			HUMIDITY MEASURED IN %RH		
	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE
1	-38.0	-38.0	-37.0 ~ -39.0	71.4	71.5	71.3 ~ 71.5
2	5.0	5.0	4.7 ~ 5.3	5.6	5.7	5.5 ~ 5.7
3	77.0	77.0	76.8 ~ 77.2	-	-	-
4	158.0	158.0	157.8 ~ 158.2	-	-	-
5	230.0	230.0	229.7 ~ 230.3	-	-	-

* *Indicates out of tolerance condition*

TSI Incorporated does hereby certify that the above described instrument conforms to the original manufacturer's specifications (not applicable to As Found data) and has been calibrated using standards whose accuracies are traceable to the National Institute of Standards and Technology within the limitations of NIST's calibration services or have been derived from accepted values of natural physical constants or have been derived by the ratio type of self calibration techniques. The calibration ratio for this instrument is at least 6.7:1 for barometric pressure and 3:1 for differential pressure. TSI is registered to ISO-9001:2008 and complies with ISO 10012:2003, Quality Assurance Requirements for Measuring Equipment. This report may not be reproduced, except in full, unless permission for the publication of an approved abstract is obtained in writing from the calibration organization issuing this report.

Measurement Variable	System ID Number	Date Last Calibrated	Calibration Due Date
DC Voltage	E002798	07-13-12	01-13-14
DC Voltage	E002797	07-13-12	01-13-14
Pressure	E002173	12-06-12	06-06-13
Pressure	E002447	06-12-12	06-12-13

Calibration procedure used: 10000000787B

Thay Xiong
Calibrated By

Apr. 9, 2013
Calibration Date

TSI P/N 2300157

LASER
INCORPORATED

Particle Counter

CALIBRATION CERTIFICATE

Model# APC 9310 Serial# 9310092200S

This certifies the above named instrument performed in conformance with the original specifications in effect at time of manufacture. Calibration services have been performed comparing the instrument reading with the readings registered on industry standard equipment. The accuracy and stability of standards maintained by LASERLENZ are traceable to the standards of The National Institute of Standards and Technology or have been derived from responses consistent with natural physical constants. Compliant to ISO 21501, ANSI Z540-1/Mil-STD 45662A.

A record of all work performed is maintained by LASERLENZ

Calibration was performed at a temperature of 69 °F and a relative humidity of 34 %

NIST Traceable Equipment Utilized

Model #	Serial #	Calibrated	Calibration Due	Calibration Certificate #
Fluke 87	69500075	12-28-2012	12-28-2013	17-B28MW-1-1
CME 50A-2-1AID	13768	8-9-2012	8-9-2013	F12181
Tektronix TDS220	B035178	1-3-2013	1-3-2014	17-B28MW-2-1

Particle size 0.102µ	Lot # 36489	Threshold voltage n/a mv
Particle size 0.203µ	Lot # 36926	Threshold voltage n/a mv
Particle size 0.296µ	Lot # 38882	Threshold voltage 575 mv
Particle size 0.498µ	Lot # 39086	Threshold voltage 145 mv
Particle size 0.994µ	Lot # 38726	Threshold voltage 404 mv
Particle size 4.993µ	Lot # 40421	Threshold voltage 2.10 mv

Next calibration on this instrument is due: 2-16-2014

LASERLENZ Representative: Leonard Formanek LF

Date: 2-16-2013

Laserlenz, Inc. PO Box 39817, Charlotte, NC 28278 704-587-9602

CERTIFICATE OF CALIBRATION AND TESTING

TSI Incorporated, 500 Cardigan Road, Shoreview, MN 55126 USA
Tel: 1-800-874-2811 1-651-490-2811 Fax: 1-651-490-3824 http://www.tsi.com

ENVIRONMENT CONDITION		
TEMPERATURE	73.8 (23.2)	°F (°C)
RELATIVE HUMIDITY	41	%RH
BAROMETRIC PRESSURE	29.24 (990.2)	inHg (hPa)

MODEL	8386A
SERIAL NUMBER	03040053

☒ AS LEFT ☒ IN TOLERANCE
☐ AS FOUND ☐ OUT OF TOLERANCE

– CALIBRATION VERIFICATION RESULTS –

TEMPERATURE VERIFICATION — SYSTEM T-119 — *Unit: °F (°C)*

#	STANDARD	MEASURED	ALLOWABLE RANGE	#	STANDARD	MEASURED	ALLOWABLE RANGE
1	32.0 (0.0)	32.2 (0.1)	31.5~32.5 (−0.3~0.3)	2	140.0 (60.0)	139.7 (59.8)	139.5~140.5 (59.7~60.3)

PRESSURE VERIFICATION — SYSTEM V-110 — *Unit: inH_2O (Pa)*

#	STANDARD	MEASURED	ALLOWABLE RANGE	#	STANDARD	MEASURED	ALLOWABLE RANGE
1	−4.074 (−1014.4)	−4.083 (−1016.7)	−4.120~−4.028 (−1025.8~−1003.0)	3	8.062 (2007.4)	8.049 (2004.2)	7.976~8.148 (1986.1~2028.8)
2	2.104 (523.9)	2.088 (519.9)	2.078~2.130 (517.4~530.4)	4	14.024 (3492.0)	14.001 (3486.2)	13.879~14.169 (3455.8~3528.1)

HUMIDITY VERIFICATION — SYSTEM H-102 — *Unit: %RH*

#	STANDARD	MEASURED	ALLOWABLE RANGE	#	STANDARD	MEASURED	ALLOWABLE RANGE
1	10.0	9.9	7.0~13.0	4	70.0	70.1	67.0~73.0
2	30.0	29.6	27.0~33.0	5	90.0	91.0	87.0~93.0
3	50.0	49.9	47.0~53.0				

VELOCITY VERIFICATION — SYSTEM V-110 — *Unit: ft/min (m/s)*

#	STANDARD	MEASURED	ALLOWABLE RANGE	#	STANDARD	MEASURED	ALLOWABLE RANGE
1	0 (0.00)	0 (0.00)	−3~3 (−0.02~0.02)	7	644 (3.27)	647 (3.29)	625~664 (3.18~3.37)
2	35 (0.18)	35 (0.18)	32~38 (0.16~0.19)	8	996 (5.06)	989 (5.03)	966~1026 (4.91~5.21)
3	65 (0.33)	64 (0.33)	62~68 (0.32~0.35)	9	1468 (7.46)	1474 (7.49)	1424~1512 (7.24~7.68)
4	100 (0.51)	99 (0.50)	97~103 (0.49~0.52)	10	2486 (12.63)	2495 (12.67)	2411~2560 (12.25~13.01)
5	160 (0.81)	158 (0.80)	155~164 (0.79~0.84)	11	4520 (22.96)	4547 (23.10)	4384~4655 (22.27~23.65)
6	332 (1.69)	331 (1.68)	322~342 (1.64~1.74)	12	7979 (40.53)	8034 (40.81)	7740~8219 (39.32~41.75)

TSI does hereby certify that the above described instrument conforms to the original manufacturer's specification (not applicable to As Found data) and has been calibrated using standards whose accuracies are traceable to the United States National Institute of Standards and Technology (NIST) or has been verified with respect to instrumentation whose accuracy is traceable to NIST, or is derived from accepted values of physical constants. TSI's calibration system is registered to ISO-9001:2008 and meets the requirements of ISO 10012:2003.

Measurement Variable	System ID	Last Cal.	Cal. Due
Temperature	E001800	07-10-13	01-10-14
DC Voltage	E001658	07-13-12	01-13-14
Pressure	E001719	06-06-13	12-06-13
Barometric Pressure	E001992	04-04-13	04-04-14
Humidity	E003539	08-21-13	08-21-14

Measurement Variable	System ID	Last Cal	Cal. Due
Temperature	E001799	07-10-13	01-10-14
Temperature	E004402	05-23-13	11-23-13
Pressure	E001721	06-06-13	12-06-13
Velocity	E004603	09-19-12	09-19-17

CALIBRATED

September 13, 2013
DATE

TSI P/N 2300157

CERTIFICATE OF CALIBRATION AND TESTING

TSI Incorporated, 500 Cardigan Road, Shoreview, MN 55126 USA
Tel: 1-800-874-2811 1-651-490-2811 Fax: 1-651-490-3824 http://www.tsi.com

ENVIRONMENT CONDITION		
TEMPERATURE	74.1 (23.4)	°F (°C)
RELATIVE HUMIDITY	40	%RH
BAROMETRIC PRESSURE	29.24 (990.2)	inHg (hPa)

MODEL	8386A
SERIAL NUMBER	03040053

☐ AS LEFT ☒ IN TOLERANCE
☒ AS FOUND ☐ OUT OF TOLERANCE

– CALIBRATION VERIFICATION RESULTS –

VELOCITY VERIFICATION			SYSTEM V-110				Unit: ft/min (m/s)
#	STANDARD	MEASURED	ALLOWABLE RANGE	#	STANDARD	MEASURED	ALLOWABLE RANGE
1	0 (0.00)	0 (0.00)	−3~3 (−0.02~0.02)	7	651 (3.31)	642 (3.26)	631~671 (3.21~3.41)
2	35 (0.18)	33 (0.17)	32~38 (0.16~0.19)	8	996 (5.06)	984 (5.00)	966~1026 (4.91~5.21)
3	64 (0.33)	63 (0.32)	61~67 (0.31~0.34)	9	1464 (7.43)	1472 (7.48)	1420~1507 (7.21~7.66)
4	99 (0.50)	97 (0.49)	96~102 (0.49~0.52)	10	2503 (12.72)	2484 (12.62)	2428~2578 (12.33~13.10)
5	160 (0.81)	156 (0.79)	155~165 (0.79~0.84)	11	4516 (22.94)	4484 (22.78)	4381~4651 (22.25~23.63)
6	336 (1.70)	331 (1.68)	325~346 (1.65~1.76)	12	7992 (40.60)	7918 (40.22)	7752~8231 (39.38~41.81)

TEMPERATURE VERIFICATION			SYSTEM T-119				Unit: °F (°C)
#	STANDARD	MEASURED	ALLOWABLE RANGE	#	STANDARD	MEASURED	ALLOWABLE RANGE
1	32.0 (0.0)	32.2 (0.1)	31.5~32.5 (−0.3~0.3)	2	140.0 (60.0)	139.7 (59.8)	139.5~140.5 (59.7~60.3)

PRESSURE VERIFICATION			SYSTEM V-110				Unit: inH_2O (Pa)
#	STANDARD	MEASURED	ALLOWABLE RANGE	#	STANDARD	MEASURED	ALLOWABLE RANGE
1	−4.074 (−1014.4)	−4.083 (−1016.7)	−4.120~−4.028 (−1025.8~−1003.0)	3	8.062 (2007.4)	8.049 (2004.2)	7.976~8.148 (1986.1~2028.8)
2	2.104 (523.9)	2.088 (519.9)	2.078~2.130 (517.4~530.4)	4	14.024 (3492.0)	14.001 (3486.2)	13.879~14.169 (3455.8~3528.1)

HUMIDITY AS FOUND			SYSTEM H-102				Unit: %RH
#	STANDARD	MEASURED	ALLOWABLE RANGE	#	STANDARD	MEASURED	ALLOWABLE RANGE
1	10.0	9.9	7.0~13.0	4	70.0	70.1	67.0~73.0
2	30.0	29.6	27.0~33.0	5	90.0	91.0	87.0~93.0
3	50.0	49.9	47.0~53.0				

TSI does hereby certify that the above described instrument conforms to the original manufacturer's specification (not applicable to As Found data) and has been calibrated using standards whose accuracies are traceable to the United States National Institute of Standards and Technology (NIST) or has been verified with respect to instrumentation whose accuracy is traceable to NIST, or is derived from accepted values of physical constants. TSI's calibration system is registered to ISO-9001:2008 and meets the requirements of ISO 10012:2003.

Measurement Variable	System ID	Last Cal.	Cal. Due
DC Voltage	E001658	07-13-12	01-13-14
Pressure	E001719	06-06-13	12-06-13
Barometric Pressure	E001992	04-04-13	04-04-14
Temperature	E001800	07-10-13	01-10-14
Humidity	E003539	08-21-13	08-21-14

Measurement Variable	System ID	Last Cal.	Cal. Due
Temperature	E004402	05-23-13	11-23-13
Pressure	E001721	06-06-13	12-06-13
Velocity	E004603	09-19-12	09-19-17
Temperature	E001799	07-10-13	01-10-14

VERIFIED

September 13, 2013
DATE

DOC ID CERT_DEFAULT

TSI P/N 2300157

EMLab P&K
A TestAmerica Company

Report for:

Marie Garza
Superior Laboratory Services Inc.
1710 Preston Ave Ste A
Pasadena, TX 77503

Regarding: Project: Empower Pharmacy; Air Viable Samples
EML ID: 1168730

Approved by:

Technical Manager
Fernando Fernandez

Dates of Analysis:
USP 797-Bacteria Air: 02-10-2014

Service SOPs: USP 797-Bacteria Air (2081)

EMLab P&K
1501 West Knudsen Drive, Phoenix, AZ 85027
(800) 651-4802 Fax (623) 780-7695 www.emlab.com

Client: Superior Laboratory Services Inc.
C/O: Marie Garza
Re: Empower Pharmacy; Air Viable Samples

Date of Sampling: 01-31-2014
Date of Receipt: 02-07-2014
Date of Report: 02-10-2014

USP <797> Bacteria Air Total Plate Count

Location:	1 ISO Class 8: Ante Room TSA		3 ISO Class 7: Clean Room TSA		5 ISO Class 5: Clean Bench (Left) TSA		7 ISO Class 5: Clean Bench (Right) TSA		9: Control TSA	
Comments (see below)	None		None		None		None		None	
Lab ID-Version‡:	5289326-1		5289328-1		5289330-1		5289332-1		5289334-1	
	raw ct.	cfu*/m³	raw ct.	cfu*/m³	raw ct.	cfu*/m³	raw ct.	cfu*/m³	raw ct.	cfu*/m³
§Total bacteria	ND	< 2	ND	< 2	ND	< 1	ND	< 1	ND	N/A
Positive Hole	400		400		400		400		0	
Sample Volume (liters)	600		600		1,200		1,200		0	

*cfu = colony forming units Positive hole correction chart used for all calculations ND = none detected

Samples were incubated at 35° C ± 2° C for a period of 2 - 3 days.

Comments:

Compliance with USP <797> requires that any colony forming units detected on a volumetric air plate from an ISO 5, 7, or 8 area must be identified to at least the genus level.†

Recommended Action Levels for Viable Particles in Air†

ISO Class	Active Airborne (cfu/m³)
5	> 1
7	> 10
8	> 100

†The United States Pharmacopeial Convention. <797> Pharmaceutical Compounding - Sterile Preparations. *Revision Bulletin.* 2008, p. 26.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total cfu/m³ has been rounded to two significant figures to reflect analytical precision.

EMLab P&K
A TestAmerica Company

Report for:

Marie Garza
Superior Laboratory Services Inc.
1710 Preston Ave Ste A
Pasadena, TX 77503

Regarding: Project: Empower Pharmacy; Air Viable Samples
EML ID: 1168730

Approved by:

Technical Manager
Fernando Fernandez

Dates of Analysis:
USP 797-Fungi Air: 02-14-2014

Service SOPs: USP 797-Fungi Air (2081)

EMLab P&K
1501 West Knudsen Drive, Phoenix, AZ 85027
(800) 651-4802 Fax (623) 780-7695 www.emlab.com

Client: Superior Laboratory Services Inc.
C/O: Marie Garza
Re: Empower Pharmacy; Air Viable Samples

Date of Sampling: 01-31-2014
Date of Receipt: 02-07-2014
Date of Report: 02-14-2014

USP <797> Fungi Air Total Plate Count

Location:	2 ISO Class 8: Ante Room MEA		4 ISO Class 7: Clean Room MEA		6 ISO Class 5: Clean Bench (Left) MEA		8 ISO Class 5: Clean Bench (Right) MEA		10: Control MEA	
Comments (see below)	None		None		None		None		None	
Lab ID-Version‡:	5289327-1		5289329-1		5289331-1		5289333-1		5289335-1	
	raw ct.	cfu*/m³	raw ct.	cfu*/m³	raw ct.	cfu*/m³	raw ct.	cfu*/m³	raw ct.	cfu*/m³
§Total fungi	ND	< 2	ND	< 2	ND	< 1	ND	< 1	ND	N/A
Positive Hole	400		400		400		400		0	
Sample Volume (liters)	600		600		1,200		1,200		0	

*cfu = colony forming units Positive hole correction chart used for all calculations ND = none detected

Samples were incubated at 28° C ± 2° C for a period of 5 - 7 days.

Comments:

Compliance with USP <797> requires that any colony forming units detected on a volumetric air plate from an ISO 5, 7, or 8 area must be identified to at least the genus level.†

Recommended Action Levels for Viable Particles in Air†

ISO Class	Active Airborne (cfu/m³)
5	> 1
7	> 10
8	> 100

†The United States Pharmacopeial Convention. <797> Pharmaceutical Compounding - Sterile Preparations. *Revision Bulletin.* 2008, p. 26.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total cfu/m³ has been rounded to two significant figures to reflect analytical precision.