



- + CONSULTING
- + CERTIFICATION
- + SERVICE SPECIALISTS
- + AIR BALANCING
- + DESIGN & COMPONENTS

# PERFORMANCE CERTIFICATION

FOR:  
Option Care - Hayward  
25901 Industrial  
Hayward, CA 94545



Test Date:

July 28, 2022

## **CERTIFICATION PROCEDURES**

### **CLEANROOMS/CLEAN ZONES**

#### **Particle Count**

Particle count testing was performed in accordance with ISO 14644 and followed the recommended practices in IEST-RP-006 and CETA Guidelines.

All data collected and calculations are presented in the individual component reports submitted with this document.

#### **Test Instruments:**

Laser Particle Counter – Climet model CI-150T, serial #131729; calibrated 3/2/22

#### **Air Flow**

All HEPA filters were measured and adjusted for airflow in accordance with ISO 14644-1, and IEST-RP-006.

#### **Test Instruments:**

AirData Multimeter – Shortridge Model ADM-860C, serial #M15523; Calibrated 6/8/22

#### **Pressure Differential**

All rooms were measured for pressure differential in accordance with IEST-RP-006.

#### **Test Instruments:**

AirData Multimeter – Shortridge Model ADM-860C, serial # M15523; Calibrated 6/8/22

#### **HEPA Filter Integrity Test**

As required, HEPA filters were scanned for leaks following the recommended practices in IEST-RP-0006.

All data collected and calculations are presented in the individual component reports submitted with this document.

#### **Test Instruments:**

Photometer - ATI Model TDA-2i, serial #23806; Calibrated 1/28/22

### **Laminar Flow Benches**

#### **Particle Count**

Particle count testing was performed in accordance with the recommended practices in IEST-RP-006.

All data collected and calculations are presented in the individual component reports submitted with this document.

#### **Test Instruments:**

Laser Particle Counter – Climet model CI-150T, serial #131729; calibrated 3/2/22

### **HEPA Filter Integrity Test**

As required, HEPA filters were scanned for leaks following the recommended practices in IEST-RP-006.

All data collected and calculations are presented in the individual component reports submitted with this document.

#### **Test Instruments:**

Photometer - ATI Model TDA-2i, serial #23806; Calibrated 1/28/22  
Aerosol Generator – ATI Model TDA-4BL (calibration not required)  
PAO was used as the aerosol

### **Air Flow**

Clean flow benches were measured and adjusted for airflow in accordance with IEST-RP-006 and IEST-RP-002. All data collected and calculations are presented in the individual component reports submitted with this document.

#### **Test Instruments:**

Thermal Anemometer – TSI Model 9545A, serial #1615003; Calibrated 8/17/21

---

---

## **ENVIRONMENTAL COMPLIANCE**

We hereby certify that the results recorded as part of this document are correct and accurate. Therefore, we certify that the subject cleanrooms/clean zones have met the requirements of ISO 14644, CETA Guidelines including CAG 003, and IEST Recommended Practices as established in this report.

Signature: \_\_\_\_\_

Arne Gjertsen  
RCCP-SC #1114

Date: \_\_\_\_\_

7/28/22

Cleanrooms Plus  
1587 Sim Place  
Anaheim, CA 92802  
714-534-2770

### Cleanroom Performance Test Report

Customer:	Option Care Hayward	Dimensions:	522 square feet
Date:	7/28/2022	Volume:	4698 cubic feet
Room ID:	Buffer Zone	Test Status:	Dynamic
Class:	7		

#### Particle Count

Locations required:	10	Location	Readings:
Particle Size	>0.5 micron	1	0.0 particle/cu. mtr.
		2	671.0 particle/cu. mtr.
		3	0.0 particle/cu. mtr.
		4	0.0 particle/cu. mtr.
		5	423.8 particle/cu. mtr.
		6	1,907.0 particle/cu. mtr.
		7	1,200.7 particle/cu. mtr.
		8	494.4 particle/cu. mtr.
		9	282.5 particle/cu. mtr.
Maximum count-	352,000 particle/cu. mtr.	10	882.9 particle/cu. mtr.
Pass/Fail	<b>Pass</b>		

#### Air Flow

		Filter	Read 1	Read 2	Avg. FPM	Sq. Feet	CFM
Air Change:		5	91	77	84.0	7.25	609
Recommended=	30.0 /hour	6	82	70	76.0	7.25	551
Actual=	68.6 /hour	7	85	98	91.5	7.25	663
		8	111	94	102.5	7.25	743
Pass/Fail	<b>Pass</b>	9	102	95	98.5	7.25	714
		10	104	94	99.0	7.25	718
		11	95	86	90.5	7.25	656
		12	106	92	99.0	7.25	718
Total CFM =							5,372

#### Filter Integrity Test

No scanned leaks shall be greater than 0.01%

Filter#	Int. Ref.	Leak	Repaired	Pass/Fail
5	33	<0.01%	N/R	Pass
6	37	<0.01%	N/R	Pass
7	31	<0.01%	N/R	Pass
8	27	<0.01%	N/R	Pass
9	28	<0.01%	N/R	Pass
10	28	<0.01%	N/R	Pass
11	31	<0.01%	N/R	Pass
12	28	<0.01%	N/R	Pass

Signature: 

Date: 7/28/22

See Test Summary Sheet for instrument data & sketches for ID locations



Cleanrooms Plus  
1587 Sim Place  
Anaheim, CA 92802  
714-534-2770

### Cleanroom Performance Test Report

Customer:	Option Care Hayward	Dimensions:	166 square feet
Date:	7/28/2022	Volume:	1494 cubic feet
Room ID:	Ante Room	Test Status:	Dynamic
Class:	7		

#### Particle Count

Locations required:	5	Location	Readings:
Particle Size	>0.5	1	600.3 particle/cu. mtr.
		2	1,200.7 particle/cu. mtr.
		3	529.7 particle/cu. mtr.
		4	671.0 particle/cu. mtr.
		5	1,200.7 particle/cu. mtr.

Maximum count- 352,000 particle/cu. mtr.  
Pass/Fail **Pass**

#### Air Flow

Air Change:		Filter	Read 1	Read 2	Avg. FPM	Sq. Feet	CFM
Recommended=	30.0 /hour	1	85	82	83.5	7.25	605
Actual=	64.2 /hour	2	58	60	59.0	7.25	428
		4	77	79	78.0	7.25	566

Pass/Fail **Pass**

**Total CFM = 1599**

#### Filter Integrity Test

No scanned leaks shall be greater than 0.01%

Filter#	Int. Ref.	Leak	Repaired	Pass/Fail
1	33	<0.01%	N/R	Pass
2	47	<0.01%	N/R	Pass
4	36	<0.01%	N/R	Pass

Signature: 

Date: 7/28/22

See Test Summary Sheet for instrument data & sketches for ID locations

Cleanrooms Plus  
1587 Sim Place  
Anaheim, CA 92802  
714-534-2770

### Clean Flow Hood Performance Test Report

Customer: Option Care - Hayward  
Date: 7/28/2022  
Manufacturer: NuAire

Model # NU-S201-830  
Serial # 1878070418  
Class: 5  
Test Status: Dynamic

#### Particle Count

Locations required:	6	Location	Readings:
Particle Size	>0.5	1	0.0 particle/Cubic Mtr.
		2	0.0 particle/Cubic Mtr.
		3	0.0 particle/Cubic Mtr.
		4	0.0 particle/Cubic Mtr.
		5	0.0 particle/Cubic Mtr.
		6	0.0 particle/Cubic Mtr.

Maximum count- 3,520 particle/Cubic Mtr.  
Pass/Fail Pass

#### Air Flow

Requirement: 80-100 FPM

Avg. Velocity =	91	FPM Readings:				
Pass/Fail :	Pass	1-	94	9-	96	17- 90
		2-	91	10-	98	18- 88
		3-	91	11-	97	19- 87
Measured Values: Avg. +/- 20%		4-	82	12-	86	20- 88
Min. value =	73	5-	86	13-	83	21- 80
Max. value =	109	6-	103	14-	91	22- 88
Pass/Fail :	Pass	7-	102	15-	87	23- 100
		8-	93	16-	85	24- 89

#### Filter Integrity Test

No scanned leaks shall be greater than 0.01%

	Int. Ref.	Leak	Repaired	Pass/Fail
Left	24	<0.01%	N/R	Pass
Right	24	<0.01%	N/R	Pass

Signature:



Date:

7/28/22

See Test Summary Sheet for instrument data & sketches for ID locations

Cleanrooms Plus  
1587 Sim Place  
Anaheim, CA 92802  
714-534-2770

### Clean Flow Hood Performance Test Report

Customer: Option Care - Hayward  
Date: 7/28/2022  
Manufacturer: NuAire

Model # NU-S201-830  
Serial # 187808090418  
Class: 5  
Test Status: Dynamic

#### Particle Count

Locations required:	6	Location	Readings:
Particle Size	>0.5	1	0.0 particle/Cubic Mtr.
		2	0.0 particle/Cubic Mtr.
		3	0.0 particle/Cubic Mtr.
		4	0.0 particle/Cubic Mtr.
		5	0.0 particle/Cubic Mtr.
		6	0.0 particle/Cubic Mtr.
Maximum count- Pass/Fail	3,520 particle/Cubic Mtr. <b>Pass</b>		

#### Air Flow

Requirement:	80-100 FPM						
Avg. Velocity =	90	FPM Readings:					
Pass/Fail :	<b>Pass</b>	1- 95	9- 85	17- 93			
		2- 95	10- 86	18- 91			
		3- 91	11- 85	19- 88			
Measured Values: Avg. +/- 20%		4- 87	12- 88	20- 92			
Min. value =	72	5- 89	13- 84	21- 83			
	108	6- 93	14- 87	22- 90			
Pass/Fail :	<b>Pass</b>	7- 90	15- 90	23- 94			
		8- 91	16- 91	24- 95			

#### Filter Integrity Test

No scanned leaks shall be greater than 0.01%

	Int. Ref.	Leak	Repaired	Pass/Fail
Left	25	<0.01%	N/R	Pass
Right	25	<0.01%	N/R	Pass

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

7/28/22

See Test Summary Sheet for instrument data & sketches for ID locations

Cleanrooms Plus  
1587 Sim Place  
Anaheim, CA 92802  
714-534-2770

### Clean Flow Hood Performance Test Report

Customer: Option Care - Hayward  
Date: 7/28/2022  
Manufacturer: NuAire

Model # NU-S201-830  
Serial # 187809090418  
Class: 5  
Test Status: Dynamic

#### Particle Count

Locations required:	6	Location	Readings:
Particle Size	>0.5	1	0.0 particle/Cubic Mtr.
		2	0.0 particle/Cubic Mtr.
		3	0.0 particle/Cubic Mtr.
		4	0.0 particle/Cubic Mtr.
		5	0.0 particle/Cubic Mtr.
		6	0.0 particle/Cubic Mtr.

Maximum count- 3,520 particle/Cubic Mtr.  
Pass/Fail **Pass**

#### Air Flow

Requirement: 80-100 FPM

Avg. Velocity =	90	FPM Readings:				
Pass/Fail :	<b>Pass</b>	1- 95	9- 90	17- 93		
		2- 95	10- 92	18- 90		
		3- 96	11- 102	19- 96		
Measured Values: Avg. +/- 20%		4- 85	12- 89	20- 88		
Min. value =	72	5- 85	13- 82	21- 83		
Max. value =	108	6- 97	14- 88	22- 81		
Pass/Fail :	<b>Pass</b>	7- 98	15- 90	23- 91		
		8- 83	16- 92	24- 87		

#### Filter Integrity Test

No scanned leaks shall be greater than 0.01%

	Int. Ref.	Leak	Repaired	Pass/Fail
Left	24	<0.01%	N/R	Pass
Right	24	<0.01%	N/R	Pass

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

7/28/22

See Test Summary Sheet for instrument data & sketches for ID locations



Cleanrooms Plus  
1587 Sim Place  
Anaheim, CA 92802  
714-534-2770

### Clean Flow Hood Performance Test Report

Customer: Option Care - Hayward  
Date: 7/28/2022  
Manufacturer: NuAire

Model # NU-S201-830  
Serial # 187810090418  
Class: 5  
Test Status: Dynamic

#### Particle Count

Locations required:	6	Readings:		
Particle Size	>0.5	Location	1	0.0 particle/Cubic Mtr.
			2	0.0 particle/Cubic Mtr.
			3	0.0 particle/Cubic Mtr.
			4	0.0 particle/Cubic Mtr.
			5	0.0 particle/Cubic Mtr.
			6	0.0 particle/Cubic Mtr.

Maximum count- 3,520 particle/Cubic Mtr.  
Pass/Fail **Pass**

#### Air Flow

Requirement: 80-100 FPM

Avg. Velocity =	91	FPM Readings:					
Pass/Fail :	<b>Pass</b>	1-	94	9-	87	17-	92
		2-	97	10-	95	18-	87
		3-	94	11-	93	19-	91
Measured Values: Avg. +/- 20%		4-	88	12-	87	20-	88
Min. value =	73	5-	85	13-	85	21-	85
Max. value =	109	6-	93	14-	92	22-	87
Pass/Fail :	<b>Pass</b>	7-	91	15-	98	23-	93
		8-	92	16-	89	24-	93

#### Filter Integrity Test

No scanned leaks shall be greater than 0.01%

	Int. Ref.	Leak	Repaired	Pass/Fail
Left	24	<0.01%	N/R	Pass
Right	24	<0.01%	N/R	Pass

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

7/28/22

See Test Summary Sheet for instrument data & sketches for ID locations

Cleanrooms Plus  
1587 Sim Place  
Anaheim, CA 92802  
714-534-2770

### Clean Flow Hood Performance Test Report

Customer: Option Care - Hayward  
Date: 7/28/2022  
Manufacturer: NuAire

Model # NU-S201-830  
Serial # 187811090418  
Class: 5  
Test Status: Dynamic

#### Particle Count

Locations required:	6	Location	Readings:
Particle Size	>0.5	1	0.0 particle/Cubic Mtr.
		2	0.0 particle/Cubic Mtr.
		3	0.0 particle/Cubic Mtr.
		4	0.0 particle/Cubic Mtr.
		5	0.0 particle/Cubic Mtr.
		6	0.0 particle/Cubic Mtr.

Maximum count- 3,520 particle/Cubic Mtr.  
Pass/Fail **Pass**

#### Air Flow

Requirement: 80-100 FPM

Avg. Velocity =	89	FPM Readings:
Pass/Fail :	<b>Pass</b>	1- 93 9- 85 17- 91
		2- 94 10- 92 18- 86
		3- 100 11- 85 19- 85
Measured Values: Avg. +/- 20%		4- 83 12- 84 20- 83
Min. value =	72	5- 84 13- 87 21- 82
Max. value =	107	6- 92 14- 90 22- 90
Pass/Fail :	<b>Pass</b>	7- 92 15- 87 23- 94
		8- 88 16- 99 24- 99

#### Filter Integrity Test

No scanned leaks shall be greater than 0.01%

	Int. Ref.	Leak	Repaired	Pass/Fail
Left	25	<0.01%	N/R	Pass
Right	25	<0.01%	N/R	Pass

Signature: 

Date: 7/28/22

See Test Summary Sheet for instrument data & sketches for ID locations

Cleanrooms Plus  
1587 Sim Place  
Anaheim, CA 92802  
714-534-2770

### Clean Flow Hood Performance Test Report

Customer: Option Care - Hayward  
Date: 7/28/2022  
Manufacturer: NuAire

Model # NU-S201-830  
Serial # 187812090418  
Class: 5  
Test Status: Dynamic

#### Particle Count

Locations required:	6	Location	Readings:
Particle Size	>0.5	1	0.0 particle/Cubic Mtr.
		2	0.0 particle/Cubic Mtr.
		3	0.0 particle/Cubic Mtr.
		4	0.0 particle/Cubic Mtr.
		5	0.0 particle/Cubic Mtr.
		6	0.0 particle/Cubic Mtr.

Maximum UCL = 3,520 particle/Cubic Mtr.  
Pass/Fail **Pass**

#### Air Flow

Requirement: 80-100 FPM

Avg. Velocity =	92	FPM Readings:					
Pass/Fail :	<b>Pass</b>	1-	91	9-	85	17-	93
		2-	97	10-	98	18-	97
		3-	94	11-	98	19-	91
Measured Values: Avg. +/- 20%		4-	93	12-	91	20-	96
Min. value =	74	5-	96	13-	83	21-	93
Max. value =	111	6-	91	14-	96	22-	85
Pass/Fail :	<b>Pass</b>	7-	99	15-	89	23-	85
		8-	90	16-	98	24-	89

#### Filter Integrity Test

No scanned leaks shall be greater than 0.01%

	Int. Ref.	Leak	Repaired	Pass/Fail
Left	24	<0.01%	N/R	Pass
Right	24	<0.01%	N/R	Pass

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

7/28/22

See Test Summary Sheet for instrument data & sketches for ID locations

Cleanrooms Plus  
1587 Sim Place  
Anaheim, CA 92802  
714-534-2770

### Clean Flow Hood Performance Test Report

Customer: Crescent - Hayward  
Date: 7/28/2022  
Manufacturer: NuAire

Model # NU-S201-830  
Serial # 187813090418  
Class: 5  
Test Status: Dynamic

#### Particle Count

Locations required:	6	Location	Readings:
Particle Size	>0.5	1	0.0 particle/Cubic Mtr.
		2	0.0 particle/Cubic Mtr.
		3	0.0 particle/Cubic Mtr.
		4	0.0 particle/Cubic Mtr.
		5	0.0 particle/Cubic Mtr.
		6	0.0 particle/Cubic Mtr.

Maximum UCL = 3,520 particle/Cubic Mtr.  
Pass/Fail **Pass**

#### Air Flow

Requirement: 80-100 FPM

Avg. Velocity =	92	FPM Readings:					
Pass/Fail :	<b>Pass</b>	1-	87	9-	99	17-	95
		2-	94	10-	95	18-	89
		3-	94	11-	84	19-	87
Measured Values: Avg. +/- 20%		4-	96	12-	96	20-	83
Min. value =	74	5-	88	13-	98	21-	95
Max. value =	111	6-	89	14-	89	22-	86
Pass/Fail :	<b>Pass</b>	7-	89	15-	96	23-	100
		8-	103	16-	91	24-	87

#### Filter Integrity Test

No scanned leaks shall be greater than 0.01%

	Int. Ref.	Leak	Repaired	Pass/Fail
Left	24	<0.01%	N/R	Pass
Right	24	<0.01%	N/R	Pass

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

7/28/22

See Test Summary Sheet for instrument data & sketches for ID locations



Cleanrooms Plus  
1587 Sim Place  
Anaheim, CA 92802  
714-534-2770

### Magnehelic Gauge – Calibration Report

Customer: Crescent Hayward  
Date: 7/28/2022

#### Test procedure:

A Shortridge ADM-860 Air Data Multimeter is used for reference readings and a Dwyer A-396A calibrating pump used to set pressure readings. The pump utilizes dual ports for comparative readings. The magnehelic gauge is pumped to mid-scale and calibrated to the Shortridge, and then confirmed at incremental readings up and down the scale.

#### Gauge 3: Ante to Ambient

Dwyer Model 605-11

Pressure readings:

Magnehelic:	Shortridge: Before Adjustment	Shortridge: After Adjust. *
0.25	0.241	
0.20	0.198	
0.15	0.145	
0.10	0.098	
0.05	0.050	
0.00	-0.002	
-0.05	-0.057	
-0.10	-0.107	
-0.15	-0.159	
-0.20	-0.213	
-0.25	-0.264	

\* No adjustment required

Signature: 

Date: 7/28/22

Cleanrooms Plus  
1587 Sim Place  
Anaheim, CA 92802  
714-534-2770

### **Magnehelic Gauge – Calibration Report**

Customer: Crescent Hayward  
Date: 7/28/2022

**Test procedure:**

A Shortridge ADM-860 Air Data Multimeter is used for reference readings and a Dwyer A-396A calibrating pump used to set pressure readings. The pump utilizes dual ports for comparative readings. The magnehelic gauge is pumped to mid-scale and calibrated to the Shortridge, and then confirmed at incremental readings up and down the scale.

**Gauge 1: Buffer to Ante**

Dwyer Model 605-11

Pressure readings:

<b>Magnehelic:</b>	<b>Shortridge: Before Adjustment</b>	<b>Shortridge: After Adjust. *</b>
0.25	0.259	
0.20	0.201	
0.15	0.155	
0.10	0.103	
0.05	0.054	
0.00	0.002	
-0.05	-0.054	
-0.10	-0.103	
-0.15	-0.148	
-0.20	-0.209	
-0.25	-0.262	

\* No adjustment required

Signature: 

Date: 7/28/22

Cleanrooms Plus  
1587 Sim Place  
Anaheim, CA 92802  
714-534-2770

### Magnehelic Gauge – Calibration Report

Customer: Crescent Hayward  
Date: 7/28/2022

#### Test procedure:

A Shortridge ADM-860 Air Data Multimeter is used for reference readings and a Dwyer A-396A calibrating pump used to set pressure readings. The pump utilizes dual ports for comparative readings. The magnehelic gauge is pumped to mid-scale and calibrated to the Shortridge, and then confirmed at incremental readings up and down the scale.

#### Gauge 2: NPN to Ante

Dwyer Model 605-11

#### Pressure readings:

Magnehelic:	Shortridge: Before Adjustment	Shortridge: After Adjust. *
0.25	0.260	
0.20	0.209	
0.15	0.156	
0.10	0.104	
0.05	0.049	
0.00	-0.001	
-0.05	-0.052	
-0.10	-0.102	
-0.15	-0.154	
-0.20	-0.208	
-0.25	-0.262	

\* No adjustment required

Signature: 

Date: 7/28/22

## **Airflow Smoke Pattern Test**

Option Care Hayward

July 28, 2022

### **Objective:**

To perform airflow smoke pattern tests on the Laminar Flow Benches at the above-mentioned Option Care facility. Smoke pattern shall be observed in both static and dynamic conditions.

Smoke shall be generated on the downstream side of the HEPA diffuser 6" from the HEPA filters and 6" in front the work area. The pattern should be uni-directional flowing outward and from the work table and not influenced by the operators process.

Smoke shall be generated in each of the Laminar Flow benches to assure no reflux back up onto the work surface.

Smoke shall be generated above the operators' head to assure no ingress (reflux) back into the workstation from in front of the operator.

The smoke pattern shall be filmed and observed, with narrative, looking for unidirectional airflow, reflux, turbulence and dead spots as stated above.

An Antari smoke generator shall be used with a glycol based fog fluid. The fluid provides smoke with a density slightly lighter than air, as shown at the conclusion of the smoke study film.

### **Smoke study comments:**


- Good unidirectional airflow was observed at each workstation location.
- Good split of air at table was observed at each workstation.
- No reflux was observed at front edge of panels.
- No reflux was observed at back side of workstations.
- No reflux around perimeter nor over operators' head was observed
- Smoke observed flowing in correct direction at door openings



Conclusion:

- PEC: NuAire # 8070 Smoke study validates 1 person compounding maintains unidirectional airflow
- PEC: NuAire # 8080 Smoke study validates 1 person compounding maintains unidirectional airflow
- PEC: NuAire # 8090 Smoke study validates 1 person compounding maintains unidirectional airflow
- PEC: NuAire # 8100 Smoke study validates 1 person compounding maintains unidirectional airflow
- PEC: NuAire # 8110 Smoke study validates 1 person compounding maintains unidirectional airflow
- PEC: NuAire # 8120 Smoke study validates 1 person compounding maintains unidirectional airflow
- PEC: NuAire # 8130 Smoke study validates 1 person compounding maintains unidirectional airflow

All of the workstations showed good unidirectional flow, good splits at table, no eddies, and no turbulence nor reflux, as shown in the attached DVD, and pass this smoke test.

Signed:  Date: 7/28/22  
Arne Gjertsen

Cleanrooms Plus  
1587 Sim Place  
Anaheim, CA 92802  
714-534-2770

### Cleanroom Performance Test Report

Customer:	Option Care Hayward	Dimensions:	68 square feet
Date:	7/28/2022	Volume:	612 cubic feet
Room ID:	Storage Room	Test Status:	Dynamic
Class:	7		

#### Particle Count

Locations required:	5	Location	Readings:
Particle Size	>0.5	1	10,700.3 particle/cu. mtr.
		2	7,168.9 particle/cu. mtr.
		3	3,990.6 particle/cu. mtr.
		4	2,436.7 particle/cu. mtr.
		5	4,131.8 particle/cu. mtr.

Maximum count- 352,000 particle/cu. mtr.  
Pass/Fail **Pass**

#### Air Flow

Air Change:		Filter	Read 1	Read 2	Avg. FPM	Sq. Feet	CFM
Recommended=	30.0 /hour	3	51	53	52.0	7.25	377
Actual=	37.0 /hour						

Pass/Fail **Pass**

Total CFM = 377

#### Filter Integrity Test

No scanned leaks shall be greater than 0.01%

Filter#	Int. Ref.	Leak	Repaired	Pass/Fail
3	54	<0.01%	N/R	Pass

Signature: 

Date: 7/28/22

See Test Summary Sheet for instrument data & sketches for ID locations

## Surface and Viable Air Sampling

### Option Care - Hayward

Surface and Viable air sampling were performed, under dynamic conditions, in accordance with USP<797> in order to evaluate the airborne microorganisms in the controlled Class 5 Laminar Flow benches, the Class 7 Buffer Zone, the Class 7 Storage room and the Class 7 Ante room as per attached Sample Plan.

Both Tryptic Soy Agar and Malt Extract Agar were used in each of the Classified zones.

A SAS air sampling device was used for the air sampling and 1000 liters of air was used for each of the media tests.

The test samples were taken on July 28, 2022 and delivered to Aerobiology Laboratory for analysis on July 29, 2022.

The results are attached, in Lab reports #22029821. All of the tests were within the allowable CFU and passed.

A SAS Model 360-duo; s/n 21-D-16717 calibrated 5/6/22 was used for all tests.

Manufacturer – Hardy Diagnostics:

Air Sample Media

Tryptic Soy: Lot #507933, Exp. 9/6/22; MEA: Lot #508181P, Exp. 9/11/22

Surface Sample Media

Tryptic Soy: Lot #509085, Exp. 9/25/22; MEA: Lot #507439, Exp. 8/29/22

Signature: \_\_\_\_\_

Arne Gjertsen

Date: \_\_\_\_\_

8/3/22



Cleanrooms Plus  
1587 Sim Place  
Anaheim CA, 92802  
Attn: Arne Gjertsen  
Project: **Option Care, Hayward**  
Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 7/28/2022  
Date Received: 7/29/2022  
Date Analyzed: 8/3/2022  
Date Reported: 8/3/2022  
Project ID: 22029821  
Page 1 of 20

### AeroMetric 797™ Results Summary Sheet

Sample Location	Class	Matrix	Pass	Acpt	O.O.C.	Cause
1: Class 5 LFB	5	A				
2: Class 5 LFB	5	A				
3: Class 5 LFB	5	A				
4: Class 5 LFB	5	A				
5: Class 5 LFB	5	A				
6: Class 5 LFB	5	A				
7: Class 5 LFB	5	A				
8: Class 5 LFB	5	A				
9: Class 5 LFB	5	A				
10: Class 5 LFB	5	A				
11: Class 5 LFB	5	A				
12: Class 5 LFB	5	A				
13: Class 5 LFB	5	A				
14: Class 5 LFB	5	A				
15: Class 5 LFB	5	A				
16: Class 5 LFB	5	A				
17: Class 5 LFB	5	A				
18: Class 5 LFB	5	A				
19: Class 5 LFB	5	A				
20: Class 5 LFB	5	A				
21: Class 5 LFB	5	A				
22: Class 5 LFB	5	A				
23: Class 5 LFB	5	A				
24: Class 5 LFB	5	A				
25: Class 5 LFB	5	A				
26: Class 5 LFB	5	A				
27: Class 5 LFB	5	A				
28: Class 5 LFB	5	A				
29: Class 7 Buffer Zone	7	A				
30: Class 7 Buffer Zone	7	A				
31: Class 7 Buffer Zone	7	A				
32: Class 7 Buffer Zone	7	A				
33: Class 7 Buffer Zone	7	A				
34: Class 7 Buffer Zone	7	A				
35: Class 7 Buffer Zone	7	A				
36: Class 7 Buffer Zone	7	A				
37: Class 7 Pass Thru	7	A				
38: Class 7 Pass Thru	7	A				
39: Class 7 Ante Room	7	A				
40: Class 7 Ante Room	7	A				
41: Class 7 Ante Room	7	A				
42: Class 7 Ante Room	7	A				
43: Class 7 Storage Room	7	A				



Cleanrooms Plus  
1587 Sim Place  
Anaheim CA, 92802  
Attn: Arne Gjertsen  
Project: **Option Care, Hayward**  
Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 7/28/2022  
Date Received: 7/29/2022  
Date Analyzed: 8/3/2022  
Date Reported: 8/3/2022  
Project ID: 22029821  
Page 2 of 20

44: Class 7 Storage Room	7	A	
45: Class 7 Storage Room	7	A	
46: Class 7 Storage Room	7	A	
47: Class 5 LFB	5	S	
48: Class 5 LFB	5	S	
49: Class 5 LFB	5	S	
50: Class 5 LFB	5	S	
51: Class 5 LFB	5	S	
52: Class 5 LFB	5	S	
53: Class 5 LFB	5	S	
54: Class 5 LFB	5	S	
55: Class 5 LFB	5	S	
56: Class 5 LFB	5	S	
57: Class 5 LFB	5	S	
58: Class 5 LFB	5	S	
59: Class 5 LFB	5	S	
60: Class 5 LFB	5	S	
61: Class 5 LFB (Touchscreen)	5	S	
62: Class 5 LFB (Touchscreen)	5	S	
63: Class 5 LFB (Touchscreen)	5	S	
64: Class 5 LFB (Touchscreen)	5	S	
65: Class 5 LFB (Touchscreen)	5	S	
66: Class 5 LFB (Touchscreen)	5	S	
67: Class 5 LFB (Touchscreen)	5	S	
68: Class 5 LFB (Touchscreen)	5	S	
69: Class 7 Buffer Zone	7	S	
70: Class 7 Buffer Zone	7	S	
71: Class 7 Buffer Zone	7	S	
72: Class 7 Buffer Zone	7	S	
73: Class 7 Buffer Zone	7	S	
74: Class 7 Buffer Zone	7	S	
75: Class 7 Buffer Zone	7	S	
76: Class 7 Buffer Zone	7	S	
77: Class 7 Pass Thru	7	S	
78: Class 7 Pass Thru	7	S	
79: Class 7 Ante Room	7	S	
80: Class 7 Ante Room	7	S	
81: Class 7 Ante Room	7	S	
82: Class 7 Ante Room	7	S	
83: Class 7 Storage Room	7	S	
84: Class 7 Storage Room	7	S	
85: Class 7 Storage Room	7	S	
86: Class 7 Storage Room	7	S	
87: Control Lot #509085 Exp:	NA	S	
09/25/2022			

Cleanrooms Plus  
1587 Sim Place  
Anaheim CA, 92802  
Attn: Arne Gjertsen  
Project: **Option Care, Hayward**  
Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 7/28/2022  
Date Received: 7/29/2022  
Date Analyzed: 8/3/2022  
Date Reported: 8/3/2022  
Project ID: 22029821  
Page 3 of 20

88: Control Lot #507439 Exp: NA S  
08/29/2022

89: Control/Op Handling Lot NA A  
#507933 Exp: 09/06/2022

90: Control Lot #508181P Exp: NA A  
09/11/2022

91: Class 5 LFB (Touchscreen) 5 S

92: Class 5 LFB (Touchscreen) 5 S

No growth of microorganisms. Sample in compliance with USP 797 and CAG-009 guidance documents.

Growth of microorganisms. Sample in compliance with USP 797 and CAG-009 guidance documents.

O.O.C. - Out of Compliance. Unacceptable concentrations or presence of actionable microorganisms.

Sample not in compliance with USP 797 and CAG-009 guidance documents.

Sample results not applicable to USP 797 and CAG-009 guidance documents.

Matrix\* - A: Air S: Surface

Cleanrooms Plus  
1587 Sim Place  
Anaheim CA, 92802  
Attn: Arne Gjertsen  
Project: **Option Care, Hayward**  
Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 7/28/2022  
Date Received: 7/29/2022  
Date Analyzed: 8/3/2022  
Date Reported: 8/3/2022  
Project ID: 22029821  
Page 4 of 20

Client Sample #: 1  
Sample Location: Class 5 LFB  
Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-001  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 2  
Sample Location: Class 5 LFB  
Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-002  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 3  
Sample Location: Class 5 LFB  
Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-003  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 4  
Sample Location: Class 5 LFB  
Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-004  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 5  
Sample Location: Class 5 LFB  
Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-005  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 6  
Sample Location: Class 5 LFB  
Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-006  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**



Cleanrooms Plus  
1587 Sim Place  
Anaheim CA, 92802  
Attn: Arne Gjertsen  
Project: **Option Care, Hayward**  
Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 7/28/2022  
Date Received: 7/29/2022  
Date Analyzed: 8/3/2022  
Date Reported: 8/3/2022  
Project ID: 22029821  
Page 5 of 20

Client Sample #: 7  
Sample Location: Class 5 LFB  
Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-007  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 8  
Sample Location: Class 5 LFB  
Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-008  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 9  
Sample Location: Class 5 LFB  
Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-009  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 10  
Sample Location: Class 5 LFB  
Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-010  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 11  
Sample Location: Class 5 LFB  
Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-011  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 12  
Sample Location: Class 5 LFB  
Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-012  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**



Cleanrooms Plus  
1587 Sim Place  
Anaheim CA, 92802  
Attn: Arne Gjertsen  
Project: **Option Care, Hayward**  
Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 7/28/2022  
Date Received: 7/29/2022  
Date Analyzed: 8/3/2022  
Date Reported: 8/3/2022  
Project ID: 22029821  
Page 6 of 20

Client Sample #: 13  
Sample Location: Class 5 LFB  
Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-013

Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 14  
Sample Location: Class 5 LFB  
Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-014

Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 15  
Sample Location: Class 5 LFB  
Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-015

Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 16  
Sample Location: Class 5 LFB  
Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-016

Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 17  
Sample Location: Class 5 LFB  
Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-017

Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 18  
Sample Location: Class 5 LFB  
Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-018

Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Cleanrooms Plus  
1587 Sim Place  
Anaheim CA, 92802  
Attn: Arne Gjertsen  
Project: **Option Care, Hayward**  
Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 7/28/2022  
Date Received: 7/29/2022  
Date Analyzed: 8/3/2022  
Date Reported: 8/3/2022  
Project ID: 22029821  
Page 7 of 20

Client Sample #: 19  
Sample Location: Class 5 LFB

Lab Sample #: 22029821-019

Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Positive Hole Corrected Result: **1 CFU/m3**

Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Organism(s) Isolated:	Raw Count	CFU/m3	% Total	Reservoirs
Micrococcus species	1	1	100	Human
	<b>1</b>	<b>1</b>	<b>~100%</b>	

Comments: **Acceptable**

Client Sample #: 20  
Sample Location: Class 5 LFB

Lab Sample #: 22029821-020

Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**

Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Comments: **Pass**

Client Sample #: 21  
Sample Location: Class 5 LFB

Lab Sample #: 22029821-021

Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Results: **No Growth**

Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Comments: **Pass**

Client Sample #: 22  
Sample Location: Class 5 LFB

Lab Sample #: 22029821-022

Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**

Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Comments: **Pass**

Client Sample #: 23  
Sample Location: Class 5 LFB

Lab Sample #: 22029821-023

Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Results: **No Growth**

Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Comments: **Pass**

Cleanrooms Plus  
1587 Sim Place  
Anaheim CA, 92802  
Attn: Arne Gjertsen  
Project: **Option Care, Hayward**  
Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 7/28/2022  
Date Received: 7/29/2022  
Date Analyzed: 8/3/2022  
Date Reported: 8/3/2022  
Project ID: 22029821  
Page 8 of 20

Client Sample #: 24  
Sample Location: Class 5 LFB  
Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-024  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 25  
Sample Location: Class 5 LFB  
Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-025  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 26  
Sample Location: Class 5 LFB  
Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-026  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 27  
Sample Location: Class 5 LFB  
Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-027  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 28  
Sample Location: Class 5 LFB  
Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-028  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 29  
Sample Location: Class 7 Buffer Zone  
Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-029  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**



Cleanrooms Plus  
1587 Sim Place  
Anaheim CA, 92802  
Attn: Arne Gjertsen  
Project: **Option Care, Hayward**  
Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 7/28/2022  
Date Received: 7/29/2022  
Date Analyzed: 8/3/2022  
Date Reported: 8/3/2022  
Project ID: 22029821  
Page 9 of 20

Client Sample #: 30  
Sample Location: Class 7 Buffer Zone  
Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-030  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 31  
Sample Location: Class 7 Buffer Zone  
Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-031  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 32  
Sample Location: Class 7 Buffer Zone  
Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-032  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 33  
Sample Location: Class 7 Buffer Zone  
Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-033  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 34  
Sample Location: Class 7 Buffer Zone  
Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-034  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 35  
Sample Location: Class 7 Buffer Zone  
Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-035  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**



Cleanrooms Plus  
1587 Sim Place  
Anaheim CA, 92802  
Attn: Arne Gjertsen  
Project: **Option Care, Hayward**  
Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 7/28/2022  
Date Received: 7/29/2022  
Date Analyzed: 8/3/2022  
Date Reported: 8/3/2022  
Project ID: 22029821  
Page 10 of 20

Client Sample #: 36  
Sample Location: Class 7 Buffer Zone  
Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-036  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 37  
Sample Location: Class 7 Pass Thru  
Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-037  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 38  
Sample Location: Class 7 Pass Thru  
Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-038  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 39  
Sample Location: Class 7 Ante Room  
Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Positive Hole Corrected Result: **1 CFU/m3**

Lab Sample #: 22029821-039  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Organism(s) Isolated:	Raw Count	CFU/m3	% Total	Reservoirs
Micrococcus species	1	1	100	Human
	<b>1</b>	<b>1</b>	<b>~100%</b>	

Comments: **Acceptable**

Client Sample #: 40  
Sample Location: Class 7 Ante Room  
Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-040  
Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Cleanrooms Plus  
1587 Sim Place  
Anaheim CA, 92802  
Attn: Arne Gjertsen  
Project: **Option Care, Hayward**  
Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 7/28/2022  
Date Received: 7/29/2022  
Date Analyzed: 8/3/2022  
Date Reported: 8/3/2022  
Project ID: 22029821

Page 11 of 20

Client Sample #: 41  
Sample Location: Class 7 Ante Room  
Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-041

Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 42  
Sample Location: Class 7 Ante Room  
Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-042

Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 43  
Sample Location: Class 7 Storage Room  
Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Positive Hole Corrected Result: **1 CFU/m3**

Lab Sample #: 22029821-043

Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Organism(s) Isolated:	Raw Count	CFU/m3	% Total	Reservoirs
Bacillus species	1	1	100	Environment
	<b>1</b>	<b>1</b>	<b>~100%</b>	

Comments: **Acceptable**

Client Sample #: 44  
Sample Location: Class 7 Storage Room  
Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-044

Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Client Sample #: 45  
Sample Location: Class 7 Storage Room  
Test: 1107 USP 797 Culture, Air, Bacterial Counts with ID: SOP 2.2  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-045

Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Cleanrooms Plus  
1587 Sim Place  
Anaheim CA, 92802  
Attn: Arne Gjertsen  
Project: **Option Care, Hayward**  
Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 7/28/2022  
Date Received: 7/29/2022  
Date Analyzed: 8/3/2022  
Date Reported: 8/3/2022  
Project ID: 22029821

Page 12 of 20

Client Sample #: 46  
Sample Location: Class 7 Storage Room

Lab Sample #: 22029821-046

Test: 1108 USP 797 Culture, Air, Fungal Counts with ID: SOP 3.2  
Results: **No Growth**

Air Volume: **1000 L**  
Positive Hole: **219**  
MRL: **1 CFU/m3**

Comments: **Pass**

Client Sample #: 47  
Sample Location: Class 5 LFB

Lab Sample #: 22029821-047

Test: 1104 USP 797 Culture, Surface, Bacterial Counts with ID: SOP 2.23  
Results: **No Growth**

Area: **25 cm2**  
MRL: **1 CFU/25cm2**

Comments: **Pass**

Client Sample #: 48  
Sample Location: Class 5 LFB

Lab Sample #: 22029821-048

Test: 1106 USP 797 Culture, Surface, Fungal Counts with ID: SOP 3.9  
Results: **No Growth**

Area: **25 cm2**  
MRL: **1 CFU/25cm2**

Comments: **Pass**

Client Sample #: 49  
Sample Location: Class 5 LFB

Lab Sample #: 22029821-049

Test: 1104 USP 797 Culture, Surface, Bacterial Counts with ID: SOP 2.23  
Results: **No Growth**

Area: **25 cm2**  
MRL: **1 CFU/25cm2**

Comments: **Pass**

Client Sample #: 50  
Sample Location: Class 5 LFB

Lab Sample #: 22029821-050

Test: 1106 USP 797 Culture, Surface, Fungal Counts with ID: SOP 3.9  
Results: **No Growth**

Area: **25 cm2**  
MRL: **1 CFU/25cm2**

Comments: **Pass**

Client Sample #: 51  
Sample Location: Class 5 LFB

Lab Sample #: 22029821-051

Test: 1104 USP 797 Culture, Surface, Bacterial Counts with ID: SOP 2.23  
Results: **No Growth**

Area: **25 cm2**  
MRL: **1 CFU/25cm2**

Comments: **Pass**



Cleanrooms Plus  
1587 Sim Place  
Anaheim CA, 92802  
Attn: Arne Gjertsen  
Project: **Option Care, Hayward**  
Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 7/28/2022  
Date Received: 7/29/2022  
Date Analyzed: 8/3/2022  
Date Reported: 8/3/2022  
Project ID: 22029821

Page 13 of 20

Client Sample #: 52  
Sample Location: Class 5 LFB

Lab Sample #: 22029821-052

Test: 1106 USP 797 Culture, Surface, Fungal Counts with ID: SOP 3.9  
Results: **No Growth**  
Comments: **Pass**

Area: **25 cm<sup>2</sup>**  
MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 53  
Sample Location: Class 5 LFB

Lab Sample #: 22029821-053

Test: 1104 USP 797 Culture, Surface, Bacterial Counts with ID: SOP 2.23  
Results: **No Growth**  
Comments: **Pass**

Area: **25 cm<sup>2</sup>**  
MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 54  
Sample Location: Class 5 LFB

Lab Sample #: 22029821-054

Test: 1106 USP 797 Culture, Surface, Fungal Counts with ID: SOP 3.9  
Results: **No Growth**  
Comments: **Pass**

Area: **25 cm<sup>2</sup>**  
MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 55  
Sample Location: Class 5 LFB

Lab Sample #: 22029821-055

Test: 1104 USP 797 Culture, Surface, Bacterial Counts with ID: SOP 2.23  
Results: **No Growth**  
Comments: **Pass**

Area: **25 cm<sup>2</sup>**  
MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 56  
Sample Location: Class 5 LFB

Lab Sample #: 22029821-056

Test: 1106 USP 797 Culture, Surface, Fungal Counts with ID: SOP 3.9  
Results: **No Growth**  
Comments: **Pass**

Area: **25 cm<sup>2</sup>**  
MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 57  
Sample Location: Class 5 LFB

Lab Sample #: 22029821-057

Test: 1104 USP 797 Culture, Surface, Bacterial Counts with ID: SOP 2.23  
Results: **No Growth**  
Comments: **Pass**

Area: **25 cm<sup>2</sup>**  
MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 58  
Sample Location: Class 5 LFB

Lab Sample #: 22029821-058

Test: 1106 USP 797 Culture, Surface, Fungal Counts with ID: SOP 3.9  
Results: **No Growth**  
Comments: **Pass**

Area: **25 cm<sup>2</sup>**  
MRL: **1 CFU/25cm<sup>2</sup>**



Cleanrooms Plus  
1587 Sim Place  
Anaheim CA, 92802  
Attn: Arne Gjertsen  
Project: **Option Care, Hayward**  
Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 7/28/2022  
Date Received: 7/29/2022  
Date Analyzed: 8/3/2022  
Date Reported: 8/3/2022  
Project ID: 22029821

Page 14 of 20

Client Sample #: 59  
Sample Location: Class 5 LFB  
Test: 1104 USP 797 Culture, Surface, Bacterial Counts with ID: SOP 2.23  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-059

Area: **25 cm2**  
MRL: **1 CFU/25cm2**

Client Sample #: 60  
Sample Location: Class 5 LFB  
Test: 1106 USP 797 Culture, Surface, Fungal Counts with ID: SOP 3.9  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-060

Area: **25 cm2**  
MRL: **1 CFU/25cm2**

Client Sample #: 61  
Sample Location: Class 5 LFB (Touchscreen)  
Test: 1104 USP 797 Culture, Surface, Bacterial Counts with ID: SOP 2.23  
Results: **1 CFU/25cm2**

Lab Sample #: 22029821-061

Area: **25 cm2**  
MRL: **1 CFU/25cm2**

Organism(s) Isolated:	Raw Count	CFU/25cm2	% Total	Reservoirs
Bacillus species	1	1	100	Environment
	<b>1</b>	<b>1</b>	<b>~100%</b>	

Comments: **Acceptable**

Client Sample #: 62  
Sample Location: Class 5 LFB (Touchscreen)  
Test: 1106 USP 797 Culture, Surface, Fungal Counts with ID: SOP 3.9  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-062

Area: **25 cm2**  
MRL: **1 CFU/25cm2**

Client Sample #: 63  
Sample Location: Class 5 LFB (Touchscreen)  
Test: 1104 USP 797 Culture, Surface, Bacterial Counts with ID: SOP 2.23  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-063

Area: **25 cm2**  
MRL: **1 CFU/25cm2**

Client Sample #: 64  
Sample Location: Class 5 LFB (Touchscreen)  
Test: 1106 USP 797 Culture, Surface, Fungal Counts with ID: SOP 3.9  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-064

Area: **25 cm2**  
MRL: **1 CFU/25cm2**

Cleanrooms Plus  
1587 Sim Place  
Anaheim CA, 92802  
Attn: Arne Gjertsen  
Project: **Option Care, Hayward**  
Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 7/28/2022  
Date Received: 7/29/2022  
Date Analyzed: 8/3/2022  
Date Reported: 8/3/2022  
Project ID: 22029821  
Page 15 of 20

Client Sample #: 65  
Sample Location: Class 5 LFB (Touchscreen)  
Test: 1104 USP 797 Culture, Surface, Bacterial Counts with ID: SOP 2.23  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-065

Area: **25 cm<sup>2</sup>**  
MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 66  
Sample Location: Class 5 LFB (Touchscreen)  
Test: 1106 USP 797 Culture, Surface, Fungal Counts with ID: SOP 3.9  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-066

Area: **25 cm<sup>2</sup>**  
MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 67  
Sample Location: Class 5 LFB (Touchscreen)  
Test: 1104 USP 797 Culture, Surface, Bacterial Counts with ID: SOP 2.23  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-067

Area: **25 cm<sup>2</sup>**  
MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 68  
Sample Location: Class 5 LFB (Touchscreen)  
Test: 1106 USP 797 Culture, Surface, Fungal Counts with ID: SOP 3.9  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-068

Area: **25 cm<sup>2</sup>**  
MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 69  
Sample Location: Class 7 Buffer Zone  
Test: 1104 USP 797 Culture, Surface, Bacterial Counts with ID: SOP 2.23  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-069

Area: **25 cm<sup>2</sup>**  
MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 70  
Sample Location: Class 7 Buffer Zone  
Test: 1106 USP 797 Culture, Surface, Fungal Counts with ID: SOP 3.9  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-070

Area: **25 cm<sup>2</sup>**  
MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 71  
Sample Location: Class 7 Buffer Zone  
Test: 1104 USP 797 Culture, Surface, Bacterial Counts with ID: SOP 2.23  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-071

Area: **25 cm<sup>2</sup>**  
MRL: **1 CFU/25cm<sup>2</sup>**

Cleanrooms Plus  
1587 Sim Place  
Anaheim CA, 92802  
Attn: Arne Gjertsen  
Project: **Option Care, Hayward**  
Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 7/28/2022  
Date Received: 7/29/2022  
Date Analyzed: 8/3/2022  
Date Reported: 8/3/2022  
Project ID: 22029821

Page 16 of 20

Client Sample #: 72  
Sample Location: Class 7 Buffer Zone

Lab Sample #: 22029821-072

Test: 1106 USP 797 Culture, Surface, Fungal Counts with ID: SOP 3.9

Results: **No Growth**

Area: **25 cm<sup>2</sup>**

Comments: **Pass**

MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 73  
Sample Location: Class 7 Buffer Zone

Lab Sample #: 22029821-073

Test: 1104 USP 797 Culture, Surface, Bacterial Counts with ID: SOP 2.23

Results: **No Growth**

Area: **25 cm<sup>2</sup>**

Comments: **Pass**

MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 74  
Sample Location: Class 7 Buffer Zone

Lab Sample #: 22029821-074

Test: 1106 USP 797 Culture, Surface, Fungal Counts with ID: SOP 3.9

Results: **No Growth**

Area: **25 cm<sup>2</sup>**

Comments: **Pass**

MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 75  
Sample Location: Class 7 Buffer Zone

Lab Sample #: 22029821-075

Test: 1104 USP 797 Culture, Surface, Bacterial Counts with ID: SOP 2.23

Results: **No Growth**

Area: **25 cm<sup>2</sup>**

Comments: **Pass**

MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 76  
Sample Location: Class 7 Buffer Zone

Lab Sample #: 22029821-076

Test: 1106 USP 797 Culture, Surface, Fungal Counts with ID: SOP 3.9

Results: **No Growth**

Area: **25 cm<sup>2</sup>**

Comments: **Pass**

MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 77  
Sample Location: Class 7 Pass Thru

Lab Sample #: 22029821-077

Test: 1104 USP 797 Culture, Surface, Bacterial Counts with ID: SOP 2.23

Results: **No Growth**

Area: **25 cm<sup>2</sup>**

Comments: **Pass**

MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 78  
Sample Location: Class 7 Pass Thru

Lab Sample #: 22029821-078

Test: 1106 USP 797 Culture, Surface, Fungal Counts with ID: SOP 3.9

Results: **No Growth**

Area: **25 cm<sup>2</sup>**

Comments: **Pass**

MRL: **1 CFU/25cm<sup>2</sup>**



Cleanrooms Plus  
1587 Sim Place  
Anaheim CA, 92802  
Attn: Arne Gjertsen  
Project: **Option Care, Hayward**  
Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 7/28/2022  
Date Received: 7/29/2022  
Date Analyzed: 8/3/2022  
Date Reported: 8/3/2022  
Project ID: 22029821

Page 17 of 20

Client Sample #: 79  
Sample Location: Class 7 Ante Room  
Test: 1104 USP 797 Culture, Surface, Bacterial Counts with ID: SOP 2.23  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-079

Area: **25 cm<sup>2</sup>**  
MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 80  
Sample Location: Class 7 Ante Room  
Test: 1106 USP 797 Culture, Surface, Fungal Counts with ID: SOP 3.9  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-080

Area: **25 cm<sup>2</sup>**  
MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 81  
Sample Location: Class 7 Ante Room  
Test: 1104 USP 797 Culture, Surface, Bacterial Counts with ID: SOP 2.23  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-081

Area: **25 cm<sup>2</sup>**  
MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 82  
Sample Location: Class 7 Ante Room  
Test: 1106 USP 797 Culture, Surface, Fungal Counts with ID: SOP 3.9  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-082

Area: **25 cm<sup>2</sup>**  
MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 83  
Sample Location: Class 7 Storage Room  
Test: 1104 USP 797 Culture, Surface, Bacterial Counts with ID: SOP 2.23  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-083

Area: **25 cm<sup>2</sup>**  
MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 84  
Sample Location: Class 7 Storage Room  
Test: 1106 USP 797 Culture, Surface, Fungal Counts with ID: SOP 3.9  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-084

Area: **25 cm<sup>2</sup>**  
MRL: **1 CFU/25cm<sup>2</sup>**

Client Sample #: 85  
Sample Location: Class 7 Storage Room  
Test: 1104 USP 797 Culture, Surface, Bacterial Counts with ID: SOP 2.23  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-085

Area: **25 cm<sup>2</sup>**  
MRL: **1 CFU/25cm<sup>2</sup>**



Cleanrooms Plus  
1587 Sim Place  
Anaheim CA, 92802  
Attn: Arne Gjertsen  
Project: **Option Care, Hayward**  
Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 7/28/2022  
Date Received: 7/29/2022  
Date Analyzed: 8/3/2022  
Date Reported: 8/3/2022  
Project ID: 22029821  
Page 18 of 20

Client Sample #: 86  
Sample Location: Class 7 Storage Room  
Test: 1106 USP 797 Culture, Surface, Fungal Counts with ID: SOP 3.9  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-086  
Area: **25 cm2**  
MRL: **1 CFU/25cm2**

Client Sample #: 87  
Sample Location: Control Lot #509085 Exp: 09/25/2022  
Test: 1158 BACTERIAL SURFACE - Negative (-) Control: 2.2  
Results: **No Growth**

Lab Sample #: 22029821-087

Client Sample #: 88  
Sample Location: Control Lot #507439 Exp: 08/29/2022  
Test: 1159 FUNGAL SURFACE - Negative (-) Control: SOP 3.2  
Results: **No Growth**

Lab Sample #: 22029821-088

Client Sample #: 89  
Sample Location: Control/Op Handling Lot #507933 Exp: 09/06/2022  
Test: 1156 BACTERIAL AIR - Negative (-) Control: SOP 2.2  
Results: **No Growth**

Lab Sample #: 22029821-089

Client Sample #: 90  
Sample Location: Control Lot #508181P Exp: 09/11/2022  
Test: 1157 FUNGAL AIR - Negative (-) Control: SOP 3.2  
Results: **No Growth**

Lab Sample #: 22029821-090

Client Sample #: 91  
Sample Location: Class 5 LFB (Touchscreen)  
Test: 1104 USP 797 Culture, Surface, Bacterial Counts with ID: SOP 2.23  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-091

Area: **25 cm2**  
MRL: **1 CFU/25cm2**

Client Sample #: 92  
Sample Location: Class 5 LFB (Touchscreen)  
Test: 1106 USP 797 Culture, Surface, Fungal Counts with ID: SOP 3.9  
Results: **No Growth**  
Comments: **Pass**

Lab Sample #: 22029821-092

Area: **25 cm2**  
MRL: **1 CFU/25cm2**

Cleanrooms Plus  
1587 Sim Place  
Anaheim CA, 92802  
Attn: Arne Gjertsen  
Project: **Option Care, Hayward**  
Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 7/28/2022  
Date Received: 7/29/2022  
Date Analyzed: 8/3/2022  
Date Reported: 8/3/2022  
Project ID: 22029821

Page 19 of 20

### USP 797 Class and Action Levels

ISO Clean Room Classification	ISO, 0.5 u/m <sup>3</sup> Particulate	Viable Air Sampling 400-1000 CFU/m <sup>3</sup>	Surface Contact CFU/plate	Gloved Fingertip CFU/plate	Gloved Fingertip CFU/plate Gown Validation
Class 5	3,520	>1	>3	>3	>0
Class 7	352,000	>10	>5	N/A	N/A
Class 8 or Worse	3,520,000	>100	>100	N/A	N/A

Aerobiology Laboratory Associates, Inc. shall be responsible for all the information provided in the report, except when information is provided by the customer. Data provided by a customer can affect the validity of results and shall be clearly identified. Results apply to the samples as received. Aerobiology Laboratory Associates, Inc. is not responsible for the sampling activity, such as air and water volume, area, and mass unit. The report shall not be reproduced except in full without the approval of the laboratory to ensure that parts of a report are not taken out of context. Data interpretation of this report will be the client responsibility based on their sampling.

Source PIC/S, 2007

### Footnotes and Additional Report Information

- Regardless of the number of CFU identified, further corrective actions are required if any pathogenic organisms are identified. It is therefore suggested to identify any colonies seen on the plate to genus level to rule out pathogens such as: gram-negative rods bacteria, and coagulase positive staphylococcus spp., yeasts, and mold.
  - Regardless of ISO Class, any fungal ID from fungal media or appropriate media for single plate protocol on an air or surface plate will result in sample being Out of Compliance.
  - Positive-hole correction factor is a statistical tool which calculates a probable count from the total raw count, taking into account multiple particles can impact on the same hole. For this reason the sum of calculated counts may be less than the positive hole corrected total.
  - TSA (Tryptic Soy Agar) for bacteria is incubated at 30-35°C for 2-4 days. MEA (Malt Extract Agar) or other suitable fungal media is incubated at 26 - 30°C for 5 to 7 days. If single plate protocol is being followed, TSA or the appropriate media for bacteria is incubated at 30-35°C for 2-4 days and then the same plate is re-incubated at 26 to 30°C for 5-7 days for fungal.
  - MEDIA CONTROLS.** An unexposed TSA plate or MEA plate from each sampling event/project should be submitted for quality control purposes. The lot number for controls should be the same as those plates being submitted for analysis.
  - Semi-annual monitoring for viable bacteria and fungi in air, surface contact plates, gloved fingertip and particulates is required for both Class 5 and Class 7 defined areas.
  - Viable cultures must be collected using an impaction style sampler for volumetric capture. A sufficient volume of air (400 to 1000 liters) should be tested at each location to obtain the sensitivity and detection limit necessary for class action levels.
  - Standard contact plates have an area of 25 cm<sup>2</sup> or plate, unless otherwise noted in the sample area.
  - The results in this report are related to this project and these samples only.
  - MRL Units for USP 797 Cultures** are as follows: AIR is CFU/m<sup>3</sup>, SURFACE is CFU/25cm<sup>2</sup> or CFU/plate, and CONTROL is colony/sample.
  - MRL:** Minimum Reporting Limit.
  - TARGET IDENTIFICATIONS:** Any gram-negative rod, *Staphylococcus aureus*, yeast and molds
  - Non-sporulating colony is a colony that does not produce spores and/or conidiophores. Unless distinctive spores or conidiophores are formed, fungal identification may not be possible.
  - If the final quantitative result is corrected for contamination based on the blank, the blank correction is stated in the sample comments section of the report.
- Due to rounding totals may not equal 100%.

  
Suzanne Blevins  
Laboratory Director



Cleanrooms Plus  
1587 Sim Place  
Anaheim CA, 92802  
Attn: Arne Gjertsen  
Project: **Option Care, Hayward**  
Condition of Sample(s) Upon Receipt: Acceptable

Date Collected: 7/28/2022  
Date Received: 7/29/2022  
Date Analyzed: 8/3/2022  
Date Reported: 8/3/2022  
Project ID: 22029821

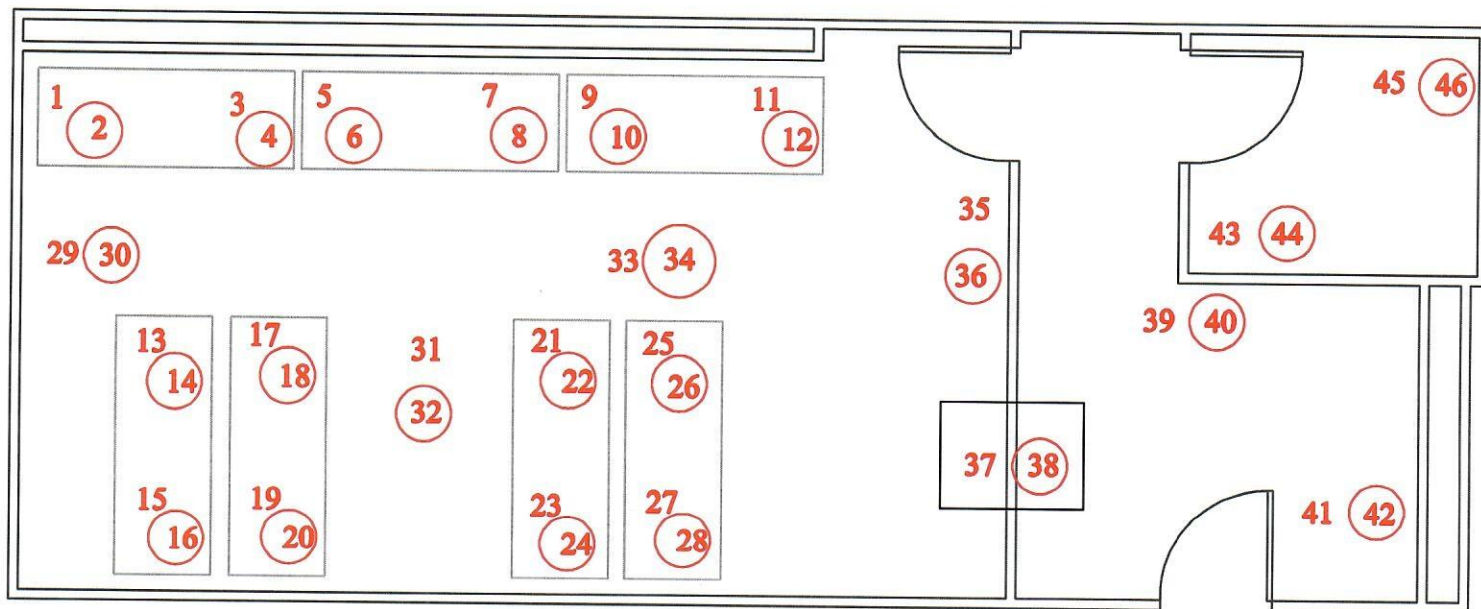
Page 20 of 20

## GLOSSARY

**Bacillus species:** Bacillus are aerobic, endospore-forming, gram-positive, rod-shaped bacteria. Some species are harmful to humans and animals, but the majority of these species are not pathogenic and are recovered from a wide variety of natural habitats.

**Micrococcus species:** Micrococcus are non-spore-forming, Gram-positive cocci. They are typically non-pathogenic, and considered normal inhabitants of the human body. Micrococci are frequently isolated from air samples and are widespread in nature.





**Option Care Hayward**

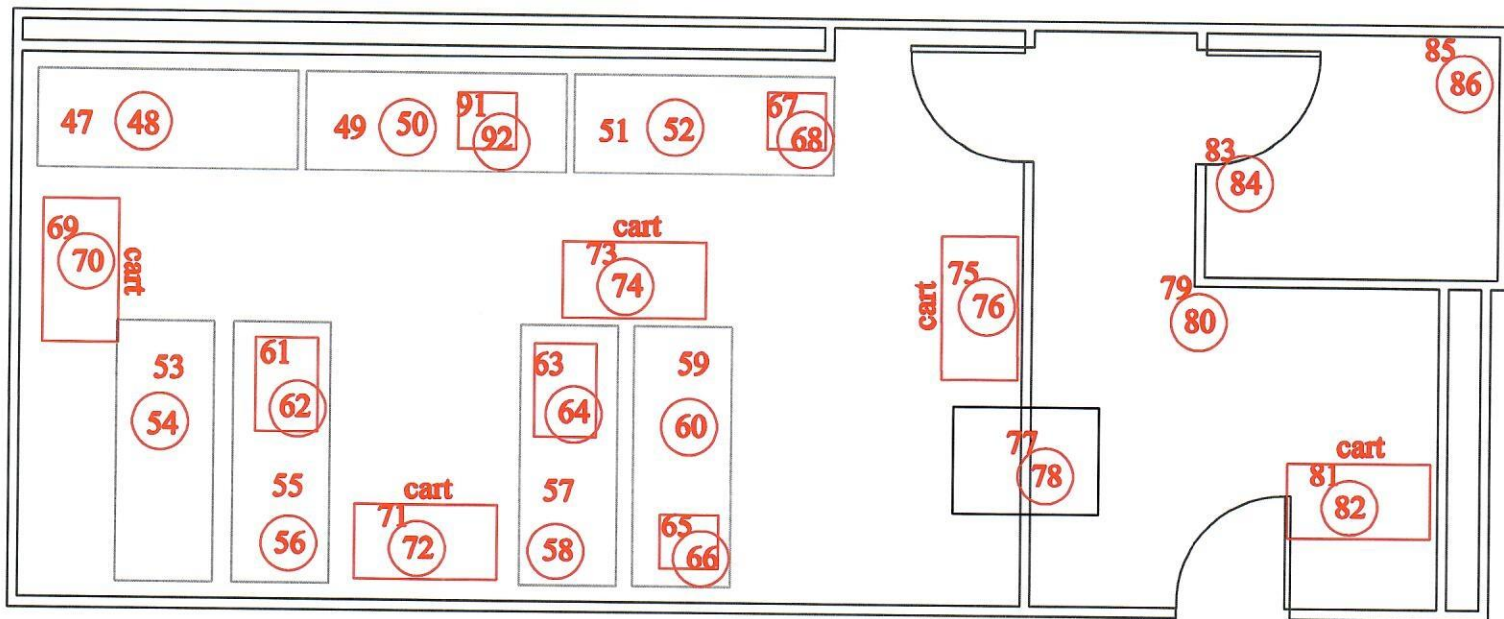
**89 = Control/Operator Handling**

**Viable Air Sample Plan**

**90 = Control**

**# = TSA AIR**

**⊙ = MEA AIR**



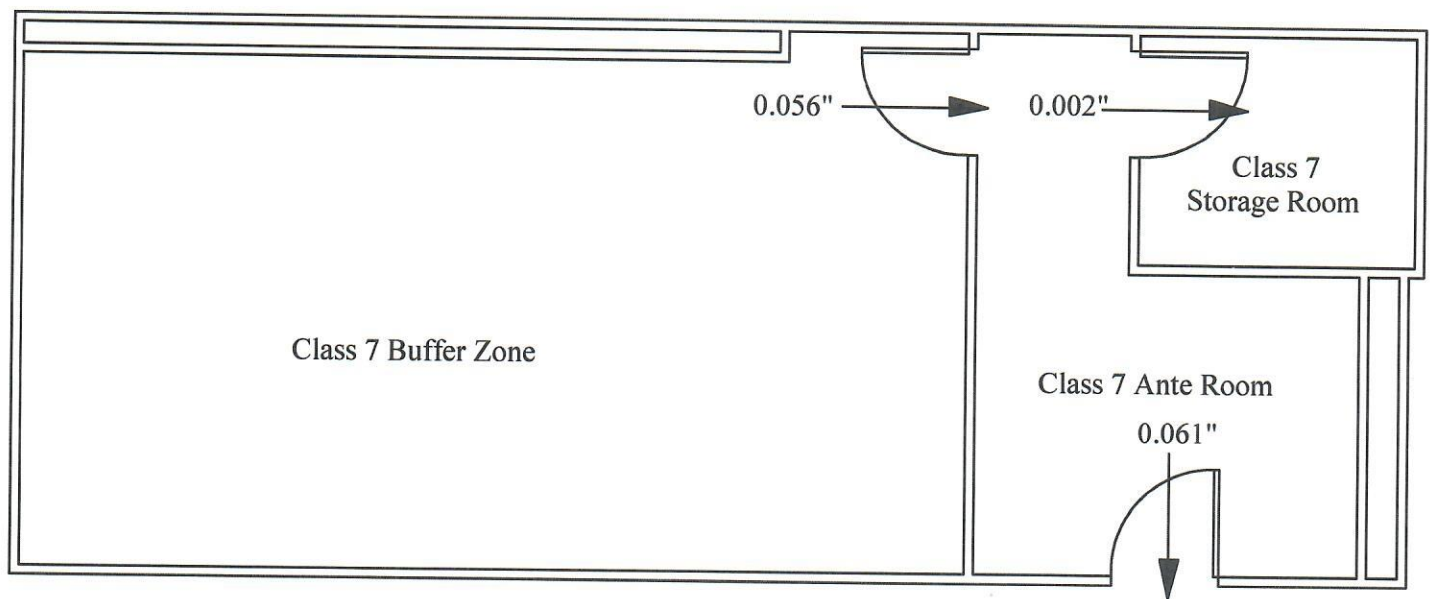
# **Option Care Hayward** **Surface Sample Plan**

# = TSA AIR

(#) = MEA AIR

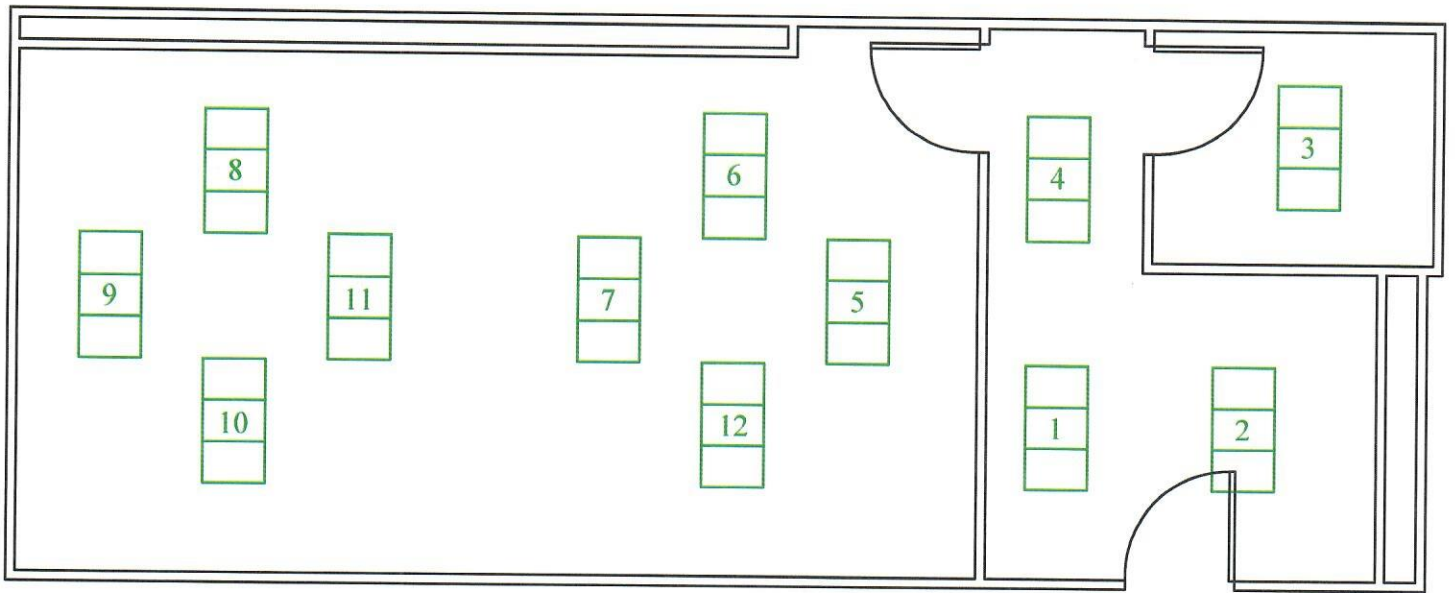
87 = Control

(88) = Control

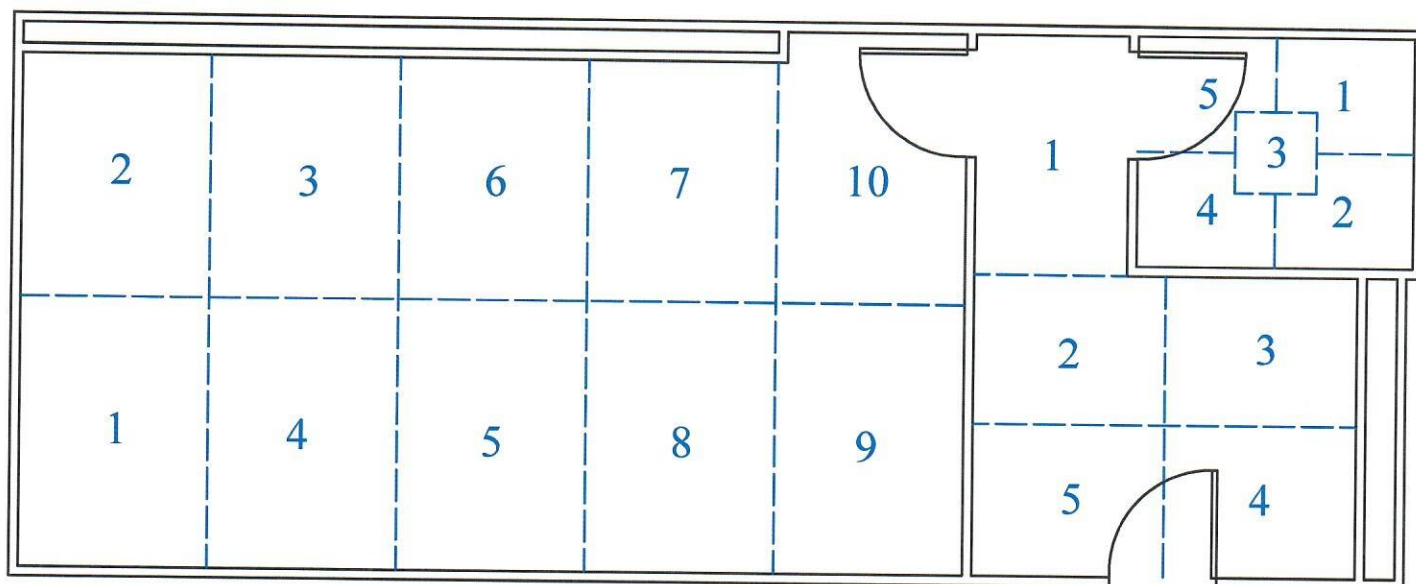


Option Care Hayward  
Pressure Gradients





Option Care Hayward  
HEPA Filter Locations



Option Care Hayward  
Particle Count Locations