



CERTIFICATION SUMMARY REPORT

Cleanroom, Clean Device & Fume Hood Performance
Testing

for

WELLS ROAD PHARMACY
1635 WELLS ROAD
Operational

**WELLS ROAD PHARMACY
1635 WELLS ROAD
ORANGE PARK, FL 32073**

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SCOPE OF WORK

Inspection of Cleanroom ISO Class 7 & 8 @ 0.5 & 5.0 µm. Verify classification of Cleanroom by cleanliness levels as prescribed in ISO 14644-1 for Operational Conditions.

Performance testing of Cleanroom as prescribed in Institute of Environmental Sciences and Technology (IEST) RP-CC-006.3; "Recommended Practice for Testing Cleanrooms", International Organization for Standardization (ISO) 14644-2; "Cleanrooms and Associated Controlled Environments: Specifications for testing and monitoring to prove continued compliance with ISO 14644-1" and ISO 14644-3; "Test Methods" and/or Client's supplied criteria.

Performance testing of Class II Biological Safety Cabinet per Manufacturer's Specifications, American National Standards Institute (NSF/ANSI) 49; Annex F and/or Client's supplied criteria.

Performance testing of Fume Hood per manufacturer's specifications and/or Scientific Equipment and Furniture Association (SEFA) 1.0, American National Safety Institute (ANSI) Z-9 and/or Client's supplied criteria.

EXECUTIVE SUMMARY

PROCEDURE

Conduct leak integrity testing of all filters and filter housings used in Cleanroom, Biological Safety Cabinet & Fume Hood. Repair of leaks will be made in accordance with manufacturer's criteria and/or as detailed in ISO 14644-3; B.6. Conduct In-Place Particle Count Monitoring to verify all Cleanliness Classifications. Determine Air Velocities, Room Pressures, Sound Levels, Air Exchange Rates, Temperature, Relative Humidity, Air Patterns, Electrical Safety and other performance criteria necessary for certification as established by owner. Refer to Appendix for Air-Eze Standard Operating Procedures and/or Client supplied criteria associated with this certification report.

OBSERVATION

N/A

CORRECTIVE ACTION

N/A

TEST METHODS

IEST RP-CC-006, IEST RP-CC-034, ISO 14644-1, ISO 14644-2, ISO 14644-3, NSF/ANSI 49; Annex F, SEFA 1.0, ANSI Z-9.5, CETA CAG-003, CETA CAG-007 and Manufacturer's Criteria and/or Client's Supplied Criteria

EXECUTIVE SUMMARY (continued)

STATEMENT OF COMPLIANCE

Air-Eze Scientific Services certifies that the Executive Summary, Data, Drawings, Calibrations and Performance Testing Procedures found in this report are true and correct as reviewed by the Quality Control Department. Air-Eze's Inspection and Performance Testing has determined the Cleanroom Facility, Class II Biological Safety Cabinet and Fume Hood as being in compliance with specification standards and requirements listed in the "Scope of Work".

CETA CNBT Certification # 11708
NSF Certification # C0385097-04
NEBB Certification # CT-21771

Report #: BT261901-01

Tested By:

Brandon Taft

Brandon Taft
Certification Professional

Approved By:

Brandon Taft

Brandon Taft
Certification Professional

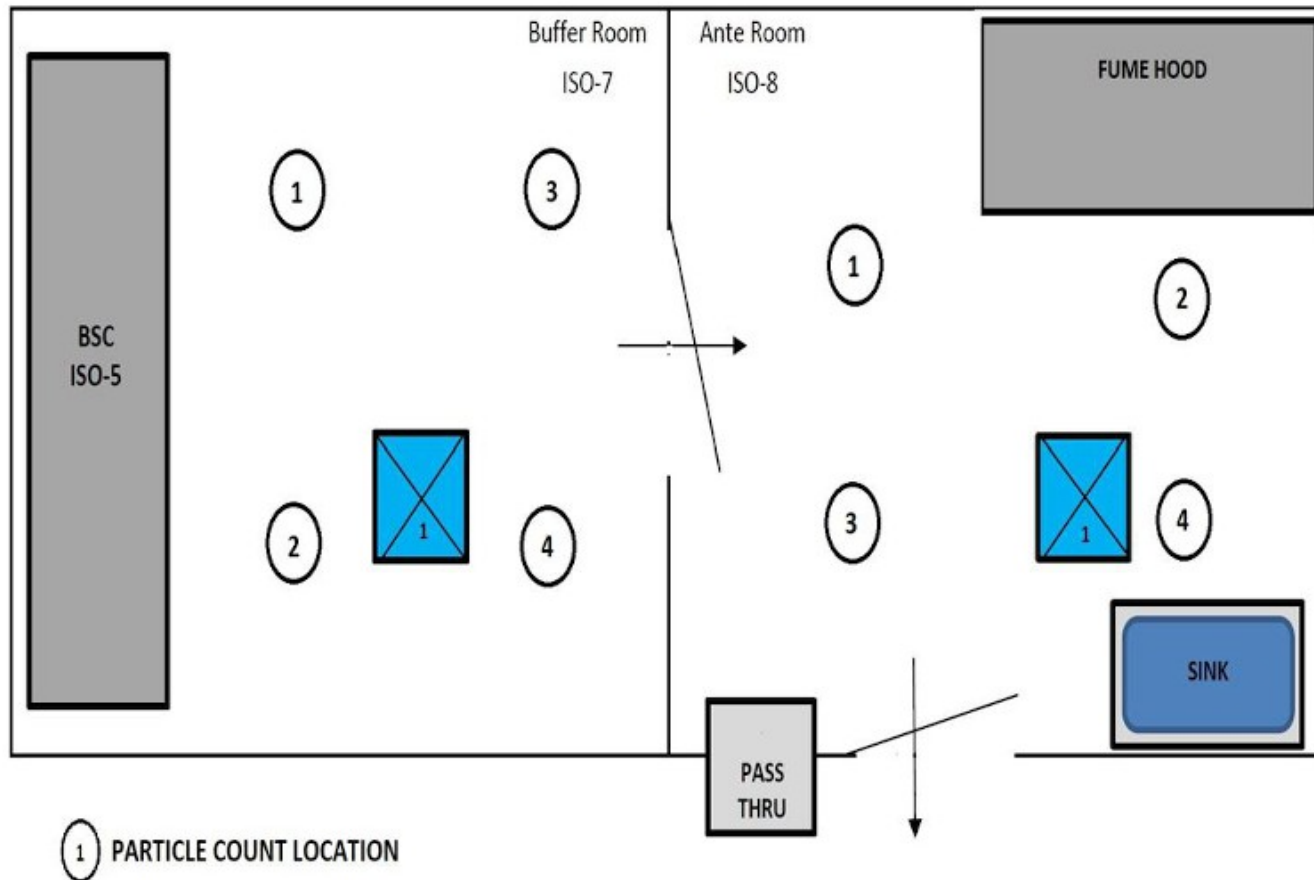
19 JAN 2026
Date:

Operational

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WELLS ROAD PHARMACY

Operational

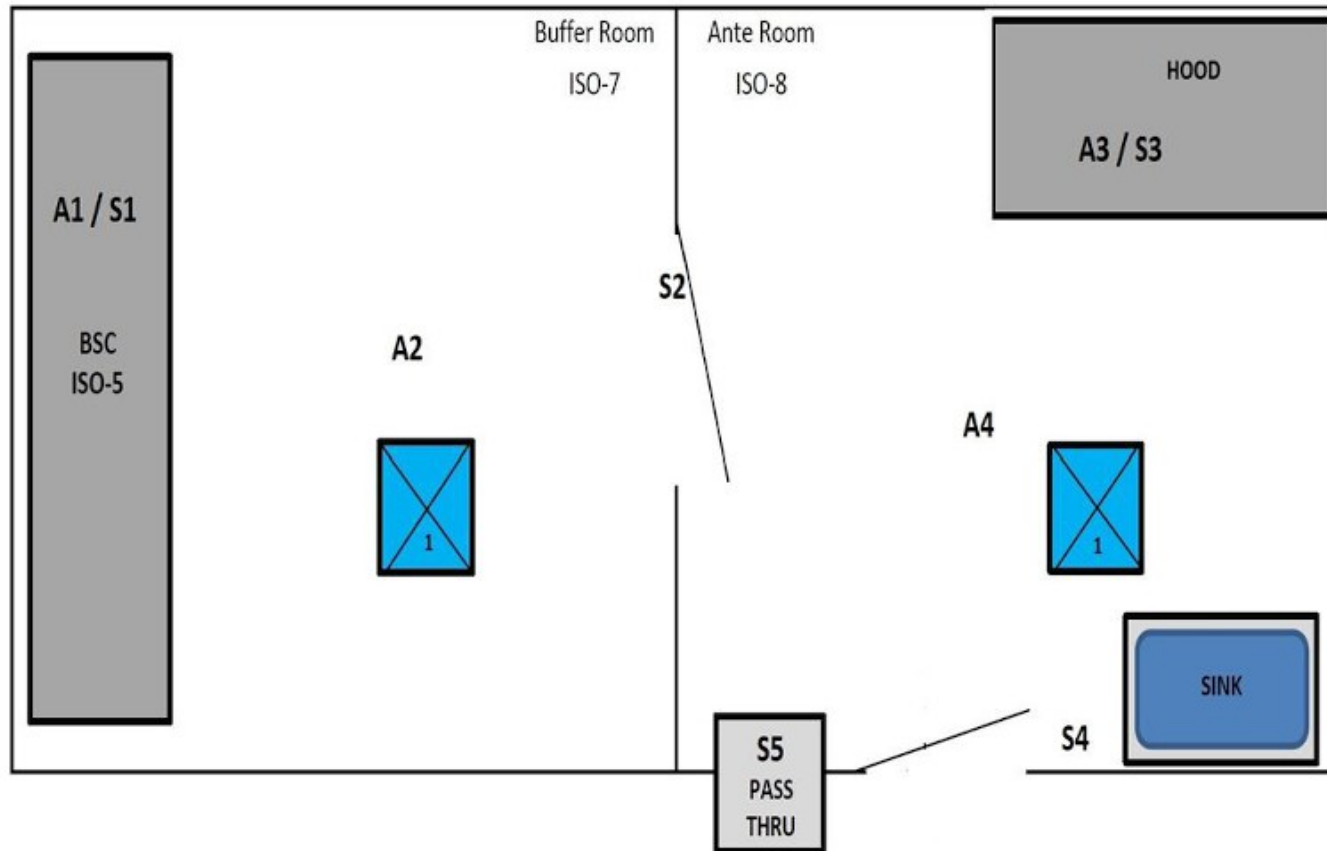


HEPA & PC MAP

DATE:	19 January 2026	COMPILED BY:	BT
JOB:	BT261901-01	APPROVED BY:	BT

WELLS ROAD PHARMACY

Operational



VIABLE SAMPLING PLAN			
DATE:	19 January 2026	COMPILED BY:	BT
REPORT:	BT261901-01	APPROVED BY:	BT

WELLS ROAD PHARMACY

Operational

Location	Filter Type				Effective Area (Sq.Ft.)	As Found (CFM)	As Found (FPM)	As Left (CFM)	As Left (FPM)	Aerosol Challenge (ug/L)	Integrity Test (%)	Differential Pressure (In. Water Gauge)	As Found Patch (%)	As Left Patch (%)	Meets ISO 14644-3, B.6	Meets Acceptance Criteria (Pass / Fail)
	Laminar	HEPA	In-line	SAD												
ANTE ROOM #1		✓			3.13	257	82	257	82	26 @ 2	0.008	0.064	0	0	Y	Pass
												--				
												--				
												--				
												--				
												--				
												--				
												--				
												--				
												--				
												--				
												--				
												--				
												--				
												--				
												--				
												--				
												--				
												--				
Total CFM:		257		PEC Air Exchange:		--		Comments: N/A								
Average Velocity:		82		Room Volume:		509.58										
Air Exchange Rate:		30														



AIR-EZE

Airflow Data			
DATE:	19 JAN 20269	COMPILED BY:	BT
JOB:	BT261901-01	APPROVED BY:	BT

WELLS ROAD PHARMACY

Operational

Location	Filter Type				Effective Area (Sq.Ft.)	As Found (CFM)	As Found (FPM)	As Left (CFM)	As Left (FPM)	Aerosol Challenge (ug/L)	Integrity Test (%)	Differential Pressure (In. Water Gauge)	As Found Patch (%)	As Left Patch (%)	Meets ISO 14644-3, B.6	Meets Acceptance Criteria (Pass / Fail)
	Laminar	HEPA	In-line	SAD												
BUFFER ROOM #1		✓			3.13	232	74	232	74	29 @ 2	0.005	0.023	0	0	Y	Pass
												--				
												--				
												--				
												--				
												--				
												--				
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												--				
												--				
												--				
												--				
												--				
												--				
												--				
												--				
												--				
Total CFM:		232		PEC Air Exchange:		--		Comments: BSC WITHIN BUFFER ROOM PROVIDING ADDITIONAL 28 HEPA FILTERED AIR EXCHANGES								
Average Velocity:		74		Room Volume:		525.34										
Air Exchange Rate:		26														

AIR-EZE



Airflow Data			
DATE:	19 January 2026	COMPILED BY:	BT
JOB:	BT261901-01	APPROVED BY:	BT

WELLS ROAD PHARMACY

Operational

Room / Unit Identity	Sample Location Identity	0.3µm Count per m³	0.5µm Count per m³	1.0µm Count per m³	5.0µm Count per m³	Sample Volume (Liters)	# of Samples / Location	Flow Rate (LPM)	Sample Height (In.)	Temp. (°F)	Relative Humidity (%)	Sound (dBA)	Meets Criteria (Pass / Fail)
ANTE ROOM	1	--	10565.0	--	71.0	28.3	1	28.3	48"	64.5	50	--	Pass
ANTE ROOM	2	--	8728.0	--	177.0	28.3	1	28.3	48"	64.5	50	--	Pass
ANTE ROOM	3	--	14806.0	--	106.0	28.3	1	28.3	48"	64.5	50	--	Pass
ANTE ROOM	4	--	9505.0	--	141.0	28.3	1	28.3	48"	64.5	50	--	Pass
Totals / Averages	4	--	43604.0	--	495.0	28.3	1.0	28.3	--	64.5	50	--	PASS

ISO 14644-1 SUMMARY					
ROOM CLASSIFICATION	ISO 8	RESULT (0.3µm)	NA	RESULT (1.0µm)	NA
STATUS	Operational	RESULT (0.5µm)	PASS	RESULT (5.0µm)	NA

AIR-EZE



Particle Count Data			
DATE:	19 January 2026	COMPILED BY:	BT
REPORT:	BT261901-01	APPROVED BY:	BT

WELLS ROAD PHARMACY

Operational

Room / Unit Identity	Sample Location Identity	0.3µm Count per m³	0.5µm Count per m³	1.0µm Count per m³	5.0µm Count per m³	Sample Volume (Liters)	# of Samples / Location	Flow Rate (LPM)	Sample Height (In.)	Temp. (°F)	Relative Humidity (%)	Sound (dBA)	Meets Criteria (Pass / Fail)
BUFFER ROOM	1	--	1802.0	--	0.0	28.3	1	28.3	48"			--	Pass
BUFFER ROOM	2	--	1837.0	--	35.0	28.3	1	28.3	48"			--	Pass
BUFFER ROOM	3	--	2827.0	--	0.0	28.3	1	28.3	48"			--	Pass
BUFFER ROOM	4	--	4488.0	--	0.0	28.3	1	28.3	48"			--	Pass
Totals / Averages	4	--	10954.0	--	35.0	28.3	1.0	28.3	--	--	--	--	PASS

ISO 14644-1 SUMMARY					
ROOM CLASSIFICATION	ISO 7	RESULT (0.3µm)	NA	RESULT (1.0µm)	NA
STATUS	Operational	RESULT (0.5µm)	PASS	RESULT (5.0µm)	NA

AIR-EZE



Particle Count Data			
DATE:	19 January 2026	COMPILED BY:	BT
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Operational

AIR-EZE

BT

BT

Certificate of Performance

on this date the Cleanroom Facilities of

WELLS ROAD PHARMACY

ORANGE PARK, FL 32073

*have been tested in accordance with Air-Eze Procedural Standards
for Certified Testing of Cleanrooms to meet the following air cleanliness level
for an Operational cleanroom.*

ISO Class 7 @ 0.5 μ m - BUFFER ROOM

ISO Class 8 @ 0.5 μ m - ANTE ROOM

Certification Report #: BT261901-01

Air-Eze Scientific Services

2034 Thomas Street Hollywood, Florida 33020

(954) 924-1001

Signature: _____



Anthony Bandorf

Manager - Certification Services



Customer: WELLS ROAD PHARMACY
City/State: ORANGE PARK, FL
Date: 19 January 2025 Call Slip #: CS66912
Report: NF261901-01
Room: BUFFER ROOM
Unit Type: A2
Unit Serial: 200493516A
Manufacturer: LABCONCO Model: 302411101



PEC FIELD CERTIFICATION REPORT

	PASS	FAIL	N/A
Downflow/Supply Velo.: MFG: -- NSF: 50 - 60	☒	☐	☐
Single Point Range: ±16 FPM ☒ ±25% ☐ ±20% ☐	☒	☐	☐
Work Area:			
Calc. Supply Air Vol. ☒ Measured Supply Air Vol. ☐	☒	☐	☐
Inflow Velocity: DIM ☒ 3" Md. ☐ Anemometer ☒	☐	☐	☒
Exhaust Area: Ex. Filter ☐ Duct ☐ Reduced Access ☐			
Measured Inflow Vol. ☒ Total Exhaust Volume ☐	☒	☐	☐
Access Opening:			
Inflow Velocity Test: MFG: -- NSF: 100 - 110	☒	☐	☐
HEPA Integrity Test (Supply): Scanned ☒ Probed ☐ ug/L: 25 @ 6	☒	☐	☐
HEPA Integrity Test (Exhaust): Scanned ☒ Probed ☐ ug/L: 25 @ 6	☒	☐	☐
UV Lamp (Surface):	☐	☐	☒
Lighting Level (On/Off):	☐	☐	☒
Sound Level (Ambient/Normal):	☐	☐	☒
Airflow Pattern: Downflow ☒ View Screen Retention ☒ Sash Seal ☒ Edge Retention ☒	☒	☐	☐
Electrical Safety Test: Ground Circuit PASS Polarity PASS GFI PASS	☒	☐	☐
Gauge: S/N: --	☐	☐	☒
HEPA/ULPA Filter (Supply): -- (In.)			
HEPA/ULPA Filter (Exhaust): -- (In.)			
Unit Under Test (As Found): In Spec ☒ Out of Spec ☐ Damaged ☐ Out of Service ☐ Does Not Exist ☐			
Unit Under Test (As Left): In Spec ☒ Out of Spec ☐ Repaired ☐ Adjusted ☐ Decontaminated ☐			
SUPPLY: ☐ N/A			
INFLOW / EXHAUST: ☐ N/A			

Comments: 240CFM OF HEPA FILTER AIR EXCHANGES TO BUFFER ROOM (28 ACH)

Certifier: Nicholas Fischer Date: 01/19/2026

Retest: 07/30/2026

Summary:

PASS	FAIL	N/A
☒	☐	☐
☒	☐	☐
☒	☐	☐
☐	☐	☐
☐	☐	☐

ANSI / NSF 49; Annex F
Manufacturer's Criteria
ISO-14644 (ISO 5)

WELLS ROAD PHARMACY

Operational

Room / Unit Identity	Sample Location Identity	0.3µm Count per m³	0.5µm Count per m³	1.0µm Count per m³	5.0µm Count per m³	Sample Volume (Liters)	# of Samples / Location	Flow Rate (LPM)	Sample Height (In.)	Temp. (°F)	Relative Humidity (%)	Sound (dBA)	Meets Criteria (Pass / Fail)
200493516A	1	--	0.0	--	--	28.3	1	28.3	12"	63.2	54	--	Pass
Totals / Averages	1	--	0.0	--	--	28.3	1.0	28.3	--	63.2	54	--	PASS

ISO 14644-1 SUMMARY					
ROOM CLASSIFICATION	ISO 5	RESULT (0.3µm)	NA	RESULT (1.0µm)	NA
STATUS	Operational	RESULT (0.5µm)	PASS	RESULT (5.0µm)	NA

AIR-EZE



BSC Particle Count Data			
DATE:	19 January 2026	COMPILED BY:	BT
REPORT:	NF261901-01	APPROVED BY:	BT

Customer: WELLS ROAD PHARMACY
City/State: ORANGE PARK, FL
Date: 19 January 2026 **Call Slip #:** CS66912
Report: NF261901-02
Room: ANTE ROOM
Unit Type: FH
Unit Serial: 56173-N
Manufacturer: SENTRY AIR SYSTEMS **Model:** SS-340-HEMS



PEC FIELD CERTIFICATION REPORT

		PASS	FAIL	N/A
Downflow/Supply Velo.:	MFG: -- NSF: --	☐	☐	☒
Single Point Range:	±16 FPM ☐ ±25% ☐ ±20% ☐	☐	☐	☒
Work Area:				
Calc. Supply Air Vol.	☐			
Measured Supply Air Vol.	☐			☒
Inflow Velocity:	DIM ☐ 3" Md. ☐ Anemometer ☒	☐	☐	☒
Exhaust Area:	Ex. Filter ☐ Duct ☐ Reduced Access ☐			
Measured Inflow Vol.	☒	☒	☐	☐
Total Exhaust Volume	☐			
Access Opening:				
Inflow Velocity Test:	MFG: 80 - 120 NSF: --	☒	☐	☐
HEPA Integrity Test (Supply):	Scanned ☐ Probed ☐ ug/L: --	☐	☐	☒
HEPA Integrity Test (Exhaust):	Scanned ☐ Probed ☒ ug/L: 36 @ 2	☒	☐	☐
UV Lamp (Surface):		☐	☐	☒
Lighting Level (On/Off):		☐	☐	☒
Sound Level (Ambient/Normal):		☐	☐	☒
Airflow Pattern:	Downflow ☐ View Screen Retention ☒ Sash Seal ☐ Edge Retention ☒	☒	☐	☐
Electrical Safety Test:	Ground Circuit N/A Polarity N/A GFI N/A	☐	☐	☒
Gauge:	S/N: MINIHILIC	☒	☐	☐
HEPA/ULPA Filter (Supply):	-- (In.)			
HEPA/ULPA Filter (Exhaust):	12 x 12 x 5 (Qty 2) (In.)			
Unit Under Test (As Found):	In Spec ☒ Out of Spec ☐ Damaged ☐ Out of Service ☐ Does Not Exist ☐			
Unit Under Test (As Left):	In Spec ☒ Out of Spec ☐ Repaired ☐ Adjusted ☐ Decontaminated ☐			
SUPPLY:	☐ N/A			
INFLOW / EXHAUST:	☐ N/A			
N/A		101	81	88

Comments: N/A

Certifier: Nicholas Fischer **Date:** 01/19/2026

Retest: 07/30/2026

	PASS	FAIL	N/A
Manufacturer's Criteria	☒	☐	☐
TEST-RP-CC034	☒	☐	☐
	☐	☐	☐
	☐	☐	☐



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 <http://www.tsi.com>

ENVIRONMENT CONDITION		
TEMPERATURE	74.4 (23.5)	°F (°C)
RELATIVE HUMIDITY	29	%RH
BAROMETRIC PRESSURE	29.35 (993.9)	inHg (hPa)

MODEL	9310-02
SERIAL NUMBER	93102021001
CUSTOMER INST ID	

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

AEROTrak CALIBRATION KIT			
MEASUREMENT VARIABLE	SYSTEM ID	DATE LAST CALIBRATED	CALIBRATION DUE DATE
FLOW METER	E003739	11/22/2024	05/31/2025
7201-02F	E003889	12/09/2024	06/30/2025
FLOW METER	E005633	02/04/2025	08/31/2025

PARTICLE STANDARDS				
PARTICLE SIZE	STANDARD UNCERTAINTY	STANDARD DEVIATION	LOT NO.	EXPIRATION DATE
0.300 μm	0.0025 μm	0.0066 μm	276145	01/31/2027
0.510 μm	0.0035 μm	0.0092 μm	279810	05/31/2027
0.994 μm	0.0105 μm	0.010 μm	275827	01/31/2027
3.19 μm	0.01 μm	0.03 μm	265004	03/31/2026
4.87 μm	0.015 μm	0.07 μm	269241	07/31/2026
9.93 μm	0.03 μm	0.13 μm	272121	09/30/2026

TSI does hereby certify that the calibration performed on the above described instrument meets the requirements of ISO 21501-4:2018. 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 is registered to ISO-9001:2015.

Cha Lor

CALIBRATED

February 13, 2025

DATE



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 <http://www.tsi.com>

SIZE CALIBRATION AND VERIFICATION OF SIZE SETTING*

NOMINAL PARTICLE SIZE	GAIN STAGE	DIGITAL CUTPOINT	EXPANDED UNCERTAINTY
0.3 μm	A	129	3.9%
0.5 μm	A	965	3.8%
1 μm	A	2690	4.1%
3 μm	B	1265	3.6%
5 μm	B	2900	3.6%
10 μm	B	11200	3.6%

* Size setting error is zero (0) at As Left calibration when Channel size thresholds are set.

COUNTING EFFICIENCY

PARTICLE SIZE	ACTUAL	ALLOWABLE RANGE	PASS/FAIL
0.3 μm	48%	50% $\pm$ 20%	Pass
0.5 μm	93%	100% $\pm$ 10%	Pass

SIZE RESOLUTION

PARTICLE SIZE	MEASURED	ALLOWABLE RANGE	PASS/FAIL
0.5 μm	3.6%	$\leq$ 15%	Pass

FALSE COUNT RATE

SAMPLE TIME (MIN)	SAMPLED (L)	MEASURED COUNTS (#)	CONCENTRATION (#/M ³)	95% UCL (#/M ³)	ALLOWABLE RANGE (#/M ³)	PASS/FAIL
30	845	0	0.00	3.6	$\leq$ 7.1	Pass

SAMPLING FLOW RATE (L/MIN)

NOMINAL	ACTUAL	ERROR	ALLOWABLE RANGE	PASS/FAIL
28.3	28.2	-0.5 %	$\pm$ 5%	Pass

SAMPLING TIME †

MEASURED	ALLOWABLE RANGE	PASS/FAIL
$< \pm 0.1\%$	$\pm 1\%$	Pass

RESPONSE RATE †

MEASURED	ALLOWABLE RANGE	PASS/FAIL
0.0006%	$\leq 0.5\%$	Pass

MAXIMUM PARTICLE CONCENTRATION †

29000000 #/m³ @10% Coincidence Loss

† Tested and verified during product development

CALIBRATION INTERVAL

CALIBRATION DATE	EXPIRATION DATE
February 13, 2025	February 13, 2026



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 <http://www.tsi.com>

ENVIRONMENT CONDITION		
TEMPERATURE	74.8 (23.8)	°F (°C)
RELATIVE HUMIDITY	28	%RH
BAROMETRIC PRESSURE	29.35 (993.9)	inHg (hPa)

MODEL	9310-02
SERIAL NUMBER	93102021001
CUSTOMER INST ID	

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

AEROTrak CALIBRATION KIT			
MEASUREMENT VARIABLE	SYSTEM ID	DATE LAST CALIBRATED	CALIBRATION DUE DATE
FLOW METER	E003739	11/22/2024	05/31/2025
7201-02F	E003889	12/09/2024	06/30/2025
FLOW METER	E005633	02/04/2025	08/31/2025

PARTICLE STANDARDS				
PARTICLE SIZE	STANDARD UNCERTAINTY	STANDARD DEVIATION	LOT NO.	EXPIRATION DATE
0.300 µm	0.0025 µm	0.0066 µm	276145	01/31/2027
0.510 µm	0.0035 µm	0.0092 µm	279810	05/31/2027
0.994 µm	0.0105 µm	0.010 µm	275827	01/31/2027
3.19 µm	0.01 µm	0.03 µm	265004	03/31/2026
4.87 µm	0.015 µm	0.07 µm	269241	07/31/2026
9.93 µm	0.03 µm	0.13 µm	272121	09/30/2026

TSI does hereby certify that the calibration performed on the above described instrument meets the requirements of ISO 21501-4:2018. 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 is registered to ISO-9001:2015.

Cha Lor

VERIFIED

February 13, 2025

DATE



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 <http://www.tsi.com>

SIZE CALIBRATION AND VERIFICATION OF SIZE SETTING

NOMINAL PARTICLE SIZE	GAIN STAGE	PREVIOUS DIGITAL CUTPOINT	AS FOUND DIGITAL CUTPOINT	MEASURED PARTICLE SIZE	SIZE ERROR	ALLOWABLE RANGE	PASS/FAIL	EXPANDED UNCERTAINTY
0.3 μm	A	124	129	0.31 μm	2.7%	$\pm 10\%$	Pass	3.9%
0.5 μm	A	955	965	0.50 μm	0.8%	$\pm 10\%$	Pass	3.8%
1 μm	A	2720	2690	0.99 μm	-0.7%	$\pm 10\%$	Pass	4.1%
3 μm	B	1295	1265	2.96 μm	-1.4%	$\pm 10\%$	Pass	3.6%
5 μm	B	3110	2900	4.84 μm	-3.3%	$\pm 10\%$	Pass	3.6%
10 μm	B	12200	11200	9.63 μm	-3.7%	$\pm 10\%$	Pass	3.6%

COUNTING EFFICIENCY

PARTICLE SIZE	ACTUAL	ALLOWABLE RANGE	PASS/FAIL
0.3 μm	48%	50% $\pm$ 20%	Pass
0.5 μm	93%	100% $\pm$ 10%	Pass

SIZE RESOLUTION

PARTICLE SIZE	MEASURED	ALLOWABLE RANGE	PASS/FAIL
0.5 μm	3.6%	$\leq 15\%$	Pass

FALSE COUNT RATE

SAMPLE TIME (MIN)	SAMPLED (L)	MEASURED COUNTS (#)	CONCENTRATION ($\#/m^3$)	95% UCL ($\#/m^3$)	ALLOWABLE RANGE ($\#/m^3$)	PASS/FAIL
30	845	0	0.00	3.6	≤ 7.1	Pass

SAMPLING FLOW RATE (L/MIN)

NOMINAL	ACTUAL	ERROR	ALLOWABLE RANGE	PASS/FAIL
28.3	28.2	-0.5 %	$\pm 5\%$	Pass

SAMPLING TIME †

MEASURED	ALLOWABLE RANGE	PASS/FAIL
$< \pm 0.1\%$	$\pm 1\%$	Pass

RESPONSE RATE †

MEASURED	ALLOWABLE RANGE	PASS/FAIL
0.0006%	$\leq 0.5\%$	Pass

MAXIMUM PARTICLE CONCENTRATION †

29000000 $\#/m^3$ @10% Coincidence Loss

† Tested and verified during product development



TEC Services, Inc.

25 Little Avenue
New Oxford, PA 17350
Phone: 717-624-3191
Fax: 717-624-3549
www.tecservicesinc.com

Controlled Environment Products
Calibration & Services

EQUIPMENT CALIBRATION REPORT

Date Received: 12/9/25 Date Shipped: 12/10/25
Customer: Air-Eze Scientific Services Contact: AJ Bandorf
Address: 2034 Thomas Street Phone #: 954-924-1001
Hollywood, FL 33020 Customer PO #: 20739
Manufacturer: TEC Services Model #: PH-4
Instrument Type: Aerosol Photometer Serial #: 2962 Customer ID#: N/A

NIST Traceable calibration performed to the above instrument per IEST-RP-CC013 and TEC Services' SOP's.

INSTRUMENT DATA

		As Found	Final	Mfg. Tolerances
Straylight	(N/A)	.323%	.396%	Not Applicable
Sample Flow	(1)	28.1	28.7	28.3 ± 2.8 SLPM
V1	(1)	5.15	5.15	5.15V ± .05V
V2	(1)	12.09	12.08	12.0V ± 1V
V3	(1)	-12.19	-12.19	-12.0V ± .5V
V4	(1)	24.06	24.05	24.0V ± .5V
U5	(1)	5.002	5.002	5.000 ± .010V

(1) In Tolerance (2) Out of Tolerance (3) No effect on instrument operation (N/A) Not Applicable
Received in Tolerance: ☒ Yes ☐ No ☐ Not Operable
☐ Not Applicable - NEW INSTRUMENT

Calibrated for: ☒ PAO

Temperature: 20.7 °C

Relative Humidity: 37.0 %

MAINTENANCE PERFORMED

☒ Clean / Rebuild Chamber
☒ Check Wiring & Hardware

☒ Realign Optics
☐ Replace Gaskets

☒ Flush Hoses
☐ Update Software Version _____

☐ Not Applicable - NEW INSTRUMENT

Notes: Checked display harness wiring.

FINAL VERIFICATION PERFORMED

☒ Leak Test Sampling System
☒ Verify Max Gain Stability

☒ Test Scanning Probe
☒ Performance Test

☒ Perform Voltage Check

NIST TRACEABLE EQUIPMENT USED

Description	Model	Serial #	Certificate #	Cal Date	Due Date
Digital Multimeter	Fluke 87-V	67030001	U540637-00-01	14 MAR 25	14 MAR 26
Thermohygrometer	Control Co. 4154	250180426	4154-15800279	24 MAR 25	24 MAR 27
Flowmeter	TSI 4043	40431950011	N/A	24 MAR 25	24 MAR 26

Calibrated per Procedure:

☒ TEC001 ☐ TEC002 ☒ TEC003 ☐ TEC004 ☒ TEC005
☐ TEC006 ☒ TEC007 ☒ TEC008 ☒ TEC009 ☐ TEC010

CALIBRATION BY:

George Bala

DATE: 12/10/25 DUE DATE: 12/10/26



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 CONDITIONS			MODEL	9565-P
TEMPERATURE	73.3 (22.9)	°F (°C)	SERIAL NUMBER	9565P2022001
RELATIVE HUMIDITY	43	%RH		
BAROMETRIC PRESSURE	29.20 (988.8)	inHg (hPa)		

☐ AS LEFT
☒ AS FOUND

☒ IN TOLERANCE
☐ OUT OF TOLERANCE

- CALIBRATION VERIFICATION RESULTS -

THERMO COUPLE [^]				SYSTEM PRESSURE01-02				Unit: °F (°C)
#	STANDARD	MEASURED	ALLOWABLE RANGE	#	STANDARD	MEASURED	ALLOWABLE RANGE	
1	72.2 (22.3)	72.2 (22.3)	70.2~74.2 (21.2~23.4)					

DIFFERENTIAL PRESSURE				SYSTEM PRESSURE01-02				Unit: inH ₂ O (Pa)
#	STANDARD	MEASURED	ALLOWABLE RANGE	#	STANDARD	MEASURED	ALLOWABLE RANGE	
1	-4.114 (-1024.4)	-4.138 (-1030.4)	-4.159~-4.069 (-1035.6~-1013.2)	3	7.913 (1970.3)	7.970 (1984.5)	7.830~7.996 (1949.7~1991.0)	
2	2.195 (546.6)	2.205 (549.0)	2.169~2.221 (540.1~553.0)	4	14.103 (3511.6)	14.194 (3534.3)	13.958~14.248 (3475.5~3547.8)	

BAROMETRIC PRESSURE				SYSTEM PRESSURE01-02				Unit: inHg (hPa)
#	STANDARD	MEASURED	ALLOWABLE RANGE	#	STANDARD	MEASURED	ALLOWABLE RANGE	
1	19.82 (671.2)	19.62 (664.4)	19.42~20.22 (657.6~684.7)	3	34.32 (1162.2)	34.17 (1157.1)	33.63~35.01 (1138.8~1185.6)	
2	29.21 (989.2)	29.04 (983.4)	28.63~29.79 (969.5~1008.8)					

[^] Circuit portion of temperature measurement only, not including probe.

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-9001:2015.

Measurement Variable	System ID	Last Cal.	Cal. Due	Measurement Variable	System ID	Last Cal.	Cal. Due
Temperature	E011136	08-24-24	08-31-25	Pressure	E005254	03-21-25	09-30-25
Pressure	E011460	01-15-25	07-31-25	DC Voltage	E003493	06-13-24	06-30-25

Va Due

VERIFIED

May 28, 2025

DATE

Doc ID: CERT_GEN_WCC_TM



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 CONDITIONS			MODEL	9565-P
TEMPERATURE	72.55 (22.5)	°F (°C)	SERIAL NUMBER	9565P2022001
RELATIVE HUMIDITY	44	%RH		
BAROMETRIC PRESSURE	29.21 (989.2)	inHg (hPa)		

☒ AS LEFT
☐ AS FOUND

☒ IN TOLERANCE
☐ OUT OF TOLERANCE

- CALIBRATION VERIFICATION RESULTS -

THERMO COUPLE [^]				SYSTEM PRESSURE01-02			Unit: °F (°C)
#	STANDARD	MEASURED	ALLOWABLE RANGE	#	STANDARD	MEASURED	ALLOWABLE RANGE
1	72.3 (22.4)	72.2 (22.3)	70.3~74.3 (21.3~23.5)				

DIFFERENTIAL PRESSURE				SYSTEM PRESSURE01-02			Unit: inH ₂ O (Pa)
#	STANDARD	MEASURED	ALLOWABLE RANGE	#	STANDARD	MEASURED	ALLOWABLE RANGE
1	-4.014 (-999.5)	-4.013 (-999.2)	-4.058~-3.970 (-1010.4~-988.5)	3	8.023 (1997.7)	8.021 (1997.2)	7.939~8.107 (1976.8~2018.6)
2	2.204 (548.8)	2.199 (547.6)	2.178~2.230 (542.3~555.3)	4	14.009 (3488.2)	14.010 (3488.5)	13.865~14.153 (3452.4~3524.1)

BAROMETRIC PRESSURE				SYSTEM PRESSURE01-02			Unit: inHg (hPa)
#	STANDARD	MEASURED	ALLOWABLE RANGE	#	STANDARD	MEASURED	ALLOWABLE RANGE
1	20.31 (687.8)	20.31 (687.8)	19.90~20.72 (673.9~701.7)	3	35.65 (1207.2)	35.64 (1206.9)	34.94~36.36 (1183.2~1231.3)
2	29.22 (989.5)	29.22 (989.5)	28.64~29.80 (969.9~1009.1)				

[^] Circuit portion of temperature measurement only, not including probe.

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Measurement Variable	System ID	Last Cal.	Cal. Due
Temperature	E011136	08-24-24	08-31-25
Pressure	E011460	01-15-25	07-31-25

Measurement Variable	System ID	Last Cal.	Cal. Due
Pressure	E005254	03-21-25	09-30-25
DC Voltage	E003493	06-13-24	06-30-25

Jenny Htoo
CALIBRATED

May 28, 2025

DATE

Doc ID: CERT_GEN_WCC_TM



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 CONDITIONS			MODEL	966
TEMPERATURE	71.8 (22.1)	°F (°C)	SERIAL NUMBER	P20230021
RELATIVE HUMIDITY	47	%RH		
BAROMETRIC PRESSURE	29.19 (988.5)	inHg (hPa)		

☒ AS LEFT
☐ AS FOUND

☒ IN TOLERANCE
☐ OUT OF TOLERANCE

- CALIBRATION VERIFICATION RESULTS -

TEMPERATURE VERIFICATION				SYSTEM T-101		Unit: °F (°C)	
#	STANDARD	MEASURED	ALLOWABLE RANGE	#	STANDARD	MEASURED	ALLOWABLE RANGE
1	32.0 (0.0)	32.2 (0.1)	31.5~32.6 (-0.3~0.3)	2	139.9 (59.9)	140.1 (60.1)	139.3~140.4 (59.6~60.2)

HUMIDITY VERIFICATION				SYSTEM H-120		Unit: %RH	
#	STANDARD	MEASURED	ALLOWABLE RANGE	#	STANDARD	MEASURED	ALLOWABLE RANGE
1	10.0	9.3	7.8~12.2	4	70.0	69.3	67.8~72.2
2	30.0	28.5	27.8~32.2	5	90.0	89.1	87.8~92.2
3	50.1	49.1	47.9~52.3				

VELOCITY VERIFICATION				SYSTEM V-106		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	648 (3.29)	648 (3.29)	629~668 (3.19~3.39)
2	35 (0.18)	36 (0.18)	32~38 (0.16~0.19)	8	993 (5.04)	995 (5.06)	963~1022 (4.89~5.19)
3	65 (0.33)	65 (0.33)	62~68 (0.31~0.34)	9	1473 (7.48)	1473 (7.48)	1428~1517 (7.26~7.71)
4	98 (0.50)	97 (0.49)	95~101 (0.48~0.51)	10	2487 (12.63)	2488 (12.64)	2412~2562 (12.25~13.01)
5	159 (0.81)	160 (0.81)	154~164 (0.78~0.83)	11	4477 (22.74)	4491 (22.81)	4342~4611 (22.06~23.42)
6	329 (1.67)	329 (1.67)	319~338 (1.62~1.72)	12	8039 (40.84)	8010 (40.69)	7798~8281 (39.61~42.07)

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Measurement Variable	System ID	Last Cal.	Cal. Due
Temperature	E010657	03-24-25	03-31-26
Temp Thermometer	E010655	05-21-24	05-31-25
DC Voltage	E004477	06-11-24	06-30-25
Pressure	E011251	05-14-25	11-30-25
Velocity	E010494	05-25-23	05-31-26

Measurement Variable	System ID	Last Cal.	Cal. Due
Temperature	E010658	03-24-25	03-31-26
Humidity	E002008	02-25-25	08-31-25
Temperature	E001644	04-03-25	10-31-25
Pressure	E011344	08-13-24	08-31-25

Hayley

CALIBRATED

May 28, 2025

DATE

Doc. ID: CERT_GEN_WCC



CERTIFICATE OF CALIBRATION

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

ENVIRONMENT CONDITION		
TEMPERATURE	73.0	° F
RELATIVE HUMIDITY	28.4	% RH
BAROMETRIC PRESSURE	28.7	inHg

MODEL	EBT™ Balometer® EBT731
SERIAL NO.	EBT732349025

CALIBRATION STANDARDS USED
Capture Hood Calibration System 2

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

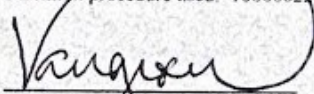
CALIBRATION DATA						
Tolerance: $\pm$ (3% of reading + 7.0 cfm)						
TESTING POINTS	SUPPLY DATA MEASURED IN ft ³ /min			RETURN DATA MEASURED IN ft ³ /min		
	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE
1	0	0	-7 ~ 7	0	0	-7 ~ 7
2	1498	1496	1447 ~ 1549	1499	1476	1448 ~ 1550
3	0	0	-7 ~ 7	0	0	-7 ~ 7
4	899	896	866 ~ 932	900	900	866 ~ 934
5	0	0	-7 ~ 7	0	0	-7 ~ 7
6	299	299	284 ~ 314	299	299	284 ~ 314
7	0	0	-7 ~ 7	0	0	-7 ~ 7

* 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 1.40:1 at 100 ft³/min (170 m³/hr, 47 l/s) and 2.0:1 at all other points. TSI is registered to ISO-9001:2015, Quality Assurance Requirements. 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	E010585	06-10-24	06-30-25
Thermometer	E003392	08-28-24	02-28-25
Pressure	E002082	09-10-24	03-31-25
Pressure	E010937	09-10-24	03-31-25
Flow	E005774	10-06-21	10-31-25
Flow	E005773	10-06-21	10-31-25
Barometric Pressure	E003782	06-24-24	06-30-25

Calibration procedure used: 10000022699


Calibrated By

Jan. 27, 2025

Calibration Date



CERTIFICATE OF CALIBRATION

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

ENVIRONMENT CONDITION		
TEMPERATURE	22.8	°C
RELATIVE HUMIDITY	28.4	% RH
BAROMETRIC PRESSURE	971	hPa

MODEL	EBT™ Balometer® EBT731
SERIAL NO.	EBT732349025

CALIBRATION STANDARDS USED
Capture Hood Calibration System 2

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

CALIBRATION DATA

Tolerance: $\pm (3\% \text{ of reading} + 11.9 \text{ m}^3/\text{h})$

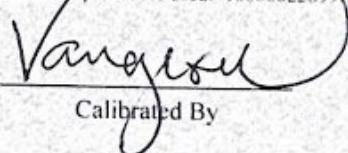
TESTING POINTS	SUPPLY DATA MEASURED IN m^3/h			RETURN DATA MEASURED IN m^3/h		
	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE
1	0	0	-11 ~ 11	0	0	-11 ~ 11
2	2545	2542	2457 ~ 2633	2547	2508	2459 ~ 2635
3	0	0	-11 ~ 11	0	0	-11 ~ 11
4	1527	1522	1470 ~ 1584	1529	1529	1472 ~ 1586
5	0	0	-11 ~ 11	0	0	-11 ~ 11
6	508	508	481 ~ 535	508	508	481 ~ 535
7	0	0	-11 ~ 11	0	0	-11 ~ 11

* 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 1.40:1 at 100 ft³/min (170 m³/hr, 47 l/s) and 2.0:1 at all other points. TSI is registered to ISO-9001:2015, Quality Assurance Requirements. 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	E010585	06-10-24	06-30-25
Thermometer	E003392	08-28-24	02-28-25
Pressure	E002082	09-10-24	03-31-25
Pressure	E010937	09-10-24	03-31-25
Flow	E005774	10-06-21	10-31-25
Flow	E005773	10-06-21	10-31-25
Barometric Pressure	E003782	06-24-24	06-30-25

Calibration procedure used: 10000022699


Calibrated By

Jan. 27, 2025

Calibration Date



CERTIFICATE OF CALIBRATION

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

ENVIRONMENT CONDITION		
TEMPERATURE	22.8	°C
RELATIVE HUMIDITY	28.4	% RH
BAROMETRIC PRESSURE	971	hPa

MODEL	EBT™ Balometer® EBT731
SERIAL NO.	EBT732349025

CALIBRATION STANDARDS USED	
Capture Hood Calibration System 2	

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

CALIBRATION DATA

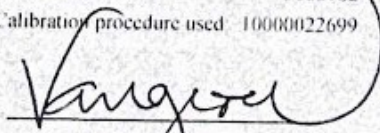
Tolerance: $\pm (3\% \text{ of reading} + 3.3 \text{ l/s})$

TESTING POINTS	SUPPLY DATA MEASURED IN l/s			RETURN DATA MEASURED IN l/s		
	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE
1	0	0	-3 ~ 3	0	0	-3 ~ 3
2	707	706	683 ~ 731	707	697	683 ~ 731
3	0	0	-3 ~ 3	0	0	-3 ~ 3
4	424	423	408 ~ 440	425	425	409 ~ 441
5	0	0	-3 ~ 3	0	0	-3 ~ 3
6	141	141	134 ~ 148	141	141	134 ~ 148
7	0	0	-3 ~ 3	0	0	-3 ~ 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 1.40:1 at 100 ft³/min (170 m³/hr, 47 l/s) and 2.0:1 at all other points. TSI is registered to ISO-9001:2015, Quality Assurance Requirements. 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	E010585	06-10-24	06-30-25
Thermometer	E003392	08-28-24	02-28-25
Pressure	E002082	09-10-24	03-31-25
Pressure	E010937	09-10-24	03-31-25
Flow	E005774	10-06-21	10-31-25
Flow	E005773	10-06-21	10-31-25
Barometric Pressure	E003782	06-24-24	06-30-25
Calibration procedure used: 10000022699			


Calibrated By

Jan. 27, 2025

Calibration Date

1083503A



CERTIFICATE OF CALIBRATION

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

ENVIRONMENT CONDITION		
TEMPERATURE	70.5	° F
RELATIVE HUMIDITY	28.2	% RH
BAROMETRIC PRESSURE	28.71	inHg

MODEL	EBT™ Micromanometer EBT731
SERIAL NO.	EBT732349025

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.H ₂ O		
	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE
1	19.63	19.62	19.24 ~ 20.02	0.1101	0.1079	0.1078 ~ 0.1124
2	28.57	28.61	28.00 ~ 29.14	0.487	0.486	0.477 ~ 0.497
3	34.38	34.42	33.70 ~ 35.06	3.00	3.00	2.94 ~ 3.06
4	-	-	-	11.8	11.8	11.6 ~ 12.0
5	-	-	-	14.7	14.7	14.4 ~ 15.0

TESTING POINTS	TEMPERATURE MEASURED IN °F ¹		
	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE
1	5.0	5.0	4.5 ~ 5.5
2	77.0	77.0	76.5 ~ 77.5
3	158.0	157.9	157.5 ~ 158.5

* Indicates out of tolerance condition

¹Circuit portion of temperature measurement only, not including probe

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 following ratios express the expanded uncertainty at a confidence level of 95% (i.e. with a coverage factor k=2) of the calibration facilities with respect to the instrument being calibrated: for barometric pressure $\geq 6.7:1$; for differential pressure $\geq 3:1$; for temperature $\geq 1.16:1$. TSI is registered to ISO-9001:2015, Quality Assurance Requirements. 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	02-07-24	08-31-25
DC Voltage	E002797	08-23-22	08-31-27
Pressure	E002124	09-18-24	09-30-25
Pressure	E002447	06-24-24	06-30-25

Calibration procedure used: 10000022697

Calibrated By

Jan. 27, 2025

Calibration Date

1083501A



CERTIFICATE OF CALIBRATION

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

ENVIRONMENT CONDITION		
TEMPERATURE	21.4	°C
RELATIVE HUMIDITY	28.2	% RH
BAROMETRIC PRESSURE	972	hPa

MODEL	EBT™ Micromanometer EBT731
SERIAL NO.	EBT732349025

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	665	664	652 ~ 678	27.42	26.88	26.85 ~ 27.99
2	967	969	948 ~ 986	121	121	119 ~ 123
3	1164	1166	1141 ~ 1187	747	747	732 ~ 762
4	-	-	-	2939	2939	2880 ~ 2998
5	-	-	-	3662	3662	3589 ~ 3735

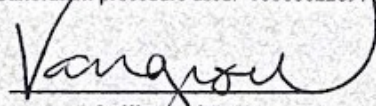
TESTING POINTS	TEMPERATURE MEASURED IN °C ¹		
	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE
1	-15.0	-15.0	-14.7 ~ -15.3
2	25.0	25.0	24.7 ~ 25.3
3	70.0	69.9	69.7 ~ 70.3

* Indicates out of tolerance condition

¹Circuit portion of temperature measurement only, not including probe
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Measurement Variable	System ID Number	Date Last Calibrated	Calibration Due Date
DC Voltage	E002798	02-07-24	08-31-25
DC Voltage	E002797	08-23-22	08-31-27
Pressure	E002124	09-18-24	09-30-25
Pressure	E002447	06-24-24	06-30-25

Calibration procedure used: 10000022697


Calibrated By

Jan. 27, 2025

Calibration Date

1083501A



CERTIFICATE OF CALIBRATION

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

ENVIRONMENT CONDITION		
TEMPERATURE	70.5	° F
RELATIVE HUMIDITY	28.2	% RH
BAROMETRIC PRESSURE	28.71	inHg

MODEL	EBT™ Micromanometer EBT731
SERIAL NO.	EBT732349025

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.H ₂ O		
	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE
1	20.10	20.10	19.70 ~ 20.50	0.1043	0.1031	0.1021 ~ 0.1065
2	28.58	28.58	28.01 ~ 29.15	0.479	0.480	0.469 ~ 0.489
3	34.38	34.36	33.70 ~ 35.06	2.99	2.99	2.93 ~ 3.05
4	-	-	-	11.7	11.7	11.5 ~ 11.9
5	-	-	-	14.3	14.3	14.0 ~ 14.6

TESTING POINTS	TEMPERATURE MEASURED IN °F ¹		
	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE
1	5.0	5.0	4.5 ~ 5.5
2	77.0	77.0	76.5 ~ 77.5
3	158.0	157.9	157.5 ~ 158.5

* Indicates out of tolerance condition

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Measurement Variable	System ID Number	Date Last Calibrated	Calibration Due Date
DC Voltage	E002798	02-07-24	08-31-25
DC Voltage	E002797	08-23-22	08-31-27
Pressure	E002124	09-18-24	09-30-25
Pressure	E002447	06-24-24	06-30-25

Calibration procedure used: 10000022697

Calibrated By

Jan. 27, 2025

Calibration Date

1083501A



CERTIFICATE OF CALIBRATION

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

ENVIRONMENT CONDITION		
TEMPERATURE	21.4	°C
RELATIVE HUMIDITY	28.2	% RH
BAROMETRIC PRESSURE	972	hPa

MODEL	EBT™ Micromanometer EBT731
SERIAL NO.	EBT732349025

CALIBRATION STANDARDS USED	
Manometer Calibration Bench I	

☒ 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	681	681	667 - 695	25.98	25.68	25.44 - 26.52
2	968	968	949 - 987	119	120	117 - 121
3	1164	1164	1141 - 1187	745	745	730 - 760
4	-	-	-	2914	2914	2856 - 2972
5	-	-	-	3562	3562	3491 - 3633

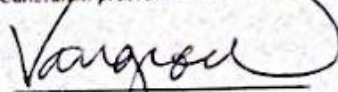
TESTING POINTS	TEMPERATURE MEASURED IN °C ¹		
	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE
1	-15.0	-15.0	-14.7 - -15.3
2	25.0	25.0	24.7 - 25.3
3	70.0	69.9	69.7 - 70.3

* Indicates out of tolerance condition

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Measurement Variable	System ID Number	Date Last Calibrated	Calibration Due Date
DC Voltage	E002798	02-07-24	08-31-25
DC Voltage	E002797	08-23-22	08-31-27
Pressure	E002124	09-18-24	09-30-25
Pressure	E002447	06-24-24	06-30-25

Calibration procedure used: 10000622697


Calibrated By

Jan. 27, 2025

Calibration Date

1083501A



CERTIFICATE OF CALIBRATION

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

ENVIRONMENT CONDITION		
TEMPERATURE	73.1	°F
RELATIVE HUMIDITY	28.4	% RH
BAROMETRIC PRESSURE	28.7	inHg

MODEL	EBT™ Balometer® EBT731
SERIAL NO.	EBT732349025

CALIBRATION STANDARDS USED
Capture Hood Calibration System 2

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

CALIBRATION DATA

Tolerance: $\pm (3\% \text{ of reading} + 7.0 \text{ cfm})$

TESTING POINTS	SUPPLY DATA MEASURED IN ft ³ /min			RETURN DATA MEASURED IN ft ³ /min		
	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE
1	1901	1903	1837 ~ 1965	1901	1861	1837 ~ 1965
2	1499	1496	1448 ~ 1550	1495	1476	1444 ~ 1546
3	1198	1194	1156 ~ 1240	1198	1187	1156 ~ 1240
4	900	897	866 ~ 934	900	901	866 ~ 934
5	600	600	575 ~ 625	601	603	576 ~ 626
6	300	301	284 ~ 316	301	301	285 ~ 317
7	99	98	90 ~ 108	100	108	90 ~ 110

* Indicates out of tolerance condition

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Measurement Variable	System ID Number	Date Last Calibrated	Calibration Due Date
DC Voltage	E010585	06-10-24	06-30-25
Thermometer	E003392	08-28-24	02-28-25
Pressure	E002082	09-10-24	03-31-25
Pressure	E010937	09-10-24	03-31-25
Flow	E005774	10-06-21	10-31-25
Flow	E005773	10-06-21	10-31-25
Barometric Pressure	E003782	06-24-24	06-30-25

Calibration procedure used: 10000022699

Calibrated By

Jan. 27, 2025

Calibration Date

1083503A



CERTIFICATE OF CALIBRATION

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

ENVIRONMENT CONDITION		
TEMPERATURE	22.8	°C
RELATIVE HUMIDITY	28.4	% RH
BAROMETRIC PRESSURE	971	hPa

MODEL	EBT™ Balometer® EBT731
SERIAL NO.	EBT732349025

CALIBRATION STANDARDS USED	
Capture Hood Calibration System 2	

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

CALIBRATION DATA

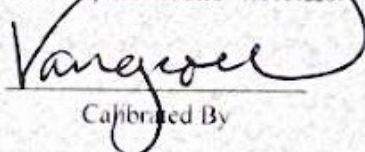
Tolerance: $\pm (3\% \text{ of reading} + 11.9 \text{ m}^3/\text{h})$

TESTING POINTS	SUPPLY DATA MEASURED IN m^3/h			RETURN DATA MEASURED IN m^3/h		
	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE
1	3230	3233	3122 - 3338	3230	3162	3122 - 3338
2	2547	2542	2459 - 2635	2540	2508	2452 - 2628
3	2035	2029	1963 - 2107	2035	2017	1963 - 2107
4	1529	1524	1472 - 1586	1529	1531	1472 - 1586
5	1019	1019	977 - 1061	1021	1025	979 - 1063
6	510	511	483 - 537	511	511	484 - 538
7	168	167	152 - 184	170	183	154 - 186

* Indicates out of tolerance condition

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Measurement Variable	System ID Number	Date Last Calibrated	Calibration Due Date
DC Voltage	E010585	06-10-24	06-30-25
Thermometer	E003392	08-28-24	02-28-25
Pressure	E002082	09-10-24	03-31-25
Pressure	E010937	09-10-24	03-31-25
Flow	E005774	10-06-21	10-31-25
Flow	E005773	10-06-21	10-31-25
Barometric Pressure	E005782	06-24-24	06-30-25
Calibration procedure used: 10000022699			


Calibrated By

Jan. 27, 2025

Calibration Date



CERTIFICATE OF CALIBRATION

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

ENVIRONMENT CONDITION		
TEMPERATURE	22.8	°C
RELATIVE HUMIDITY	28.4	% RH
BAROMETRIC PRESSURE	971	hPa

MODEL	EBT™ Balometer® EBT731
SERIAL NO.	EBT732349025

CALIBRATION STANDARDS USED
Capture Hood Calibration System 2

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

CALIBRATION DATA

Tolerance: $\pm (3\% \text{ of reading} + 3.3 \text{ L/s})$

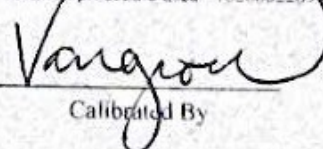
TESTING POINTS	SUPPLY DATA MEASURED IN L/s			RETURN DATA MEASURED IN L/s		
	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE
1	897	898	867 - 927	897	878	867 - 927
2	707	706	683 - 731	706	697	682 - 730
3	565	564	545 - 585	565	560	545 - 585
4	425	423	409 - 441	425	425	409 - 441
5	283	283	272 - 294	284	285	273 - 295
6	142	142	135 - 149	142	142	135 - 149
7	47	46	43 - 51	47	51	43 - 51

* Indicates out of tolerance condition

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Measurement Variable	System ID Number	Date Last Calibrated	Calibration Due Date
DC Voltage	E010583	06-10-24	06-30-25
Thermometer	E003392	08-28-24	02-28-25
Pressure	E002082	09-10-24	03-31-25
Pressure	E010937	09-10-24	03-31-25
Flow	E005774	10-06-21	10-31-25
Flow	E005773	10-06-21	10-31-25
Barometric Pressure	E002782	06-24-24	06-30-25

Calibration procedure used: 1006002269


Calibrated By

Jan. 27, 2025

Calibration Date

Certificate of Conformance

Bio-Culture™

Serial number: C103549

Date Issued: 8-1-25

Flow Calibration

The flow of the instrument listed above has been adjusted to airflow of 30, 60, 90, 100 and 120 LPM using a Magnehelic scale 0-6mm of H₂O. The flows listed are determined using a Venturi digital Calibrator Model No. D-806AS-1, Serial No. 3310 which is calibrated in accordance with LOKOL Air Flow Calibrator User's Manual V2.09 and is traceable to N.I.S.T calibration Standards.

QA APPROVAL BY:

Thomas J. Lawrence

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7101 Presidents Drive, Suite 110
Orlando, FL 32809
Phone: 407-851-8602 • Fax: 407-851-8910



COCR-007 REV-02 11/1/2020

Certificate of Conformance

Bio-Culture™

Serial number: C103732

Date Issued: 8-1-25

Flow Calibration

The flow of the instrument listed above has been adjusted to airflow of 30, 60, 90, 100 and 120 LPM using a Magnehelic scale 0-6mm of H₂O. The flows listed are determined using a Venturi digital Calibrator Model No. D-806AS-1, Serial No. 3310 which is calibrated in accordance with LOKOL Air Flow Calibrator User's Manual V2.09 and is traceable to N.I.S.T calibration Standards.

QA APPROVAL BY:

Thomas J. Gannon

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Phone: 407-851-8602 • Fax: 407-851-8910



COCR-007 REV-02 11/1/2020

Certificate of Conformance

Bio-Culture™

Serial number: C103550

Date Issued: 8-1-25

Flow Calibration

The flow of the instrument listed above has been adjusted to airflow of 30, 60, 90, 100 and 120 LPM using a Magnehelic scale 0-6mm of H₂O. The flows listed are determined using a Venturi digital Calibrator Model No. D-806AS-1, Serial No. 3310 which is calibrated in accordance with LOKOL Air Flow Calibrator User's Manual V2.09 and is traceable to N.I.S.T calibration Standards.

QA APPROVAL BY: Thomas J. Lawrence

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COCR-007 REV-02 11/1/2020