

# CERTIFICATE OF COMPLIANCE

*This Certifies that Secure Data Recovery Services  
meets or exceeds the requirements of*

## **CLASS 10 ISO 4 ANTEROOM**

Cleanroom meets or exceeds the target of Class 4 (at 0.5 microns), per ISO 14644 with the number of considered particles per cubic meter of air is 352 or less.

*Robert J. Latsch*

Robert J. Latsch, Technican Level IV

Tested and Certified on January 31, 2025 by Laboratory Certification Services, Inc.



Laboratory Certification Services, Inc.

Cleanroom Report #: 0088152



Laboratory Certification Services Inc., certifies that this report is a true and accurate representation of test results on the day(s) the facility was tested.

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## SECURE DATA RECOVERY SERVICES

MAYFIELD VILLAGE, OHIO

### CR-1154 - CLEANROOM

TEST REPORT NO. 0105874

<b>TEST DATE</b>	<b>PASS / FAIL</b>	<b>TEST CONDITIONS</b>
February 27, 2025	<b>PASS</b>	<b>Operational:</b> Facility is in normal operation, with all services functioning, and with equipment and personnel, if applicable, present and performing their normal work functions.

<b>CLASSIFICATION</b>
<b>Per ISO 14644-1 Edition 2015.</b>
Room meets or exceeds the target of <b>Class 4 (at 0.5 microns)</b> , per ISO 14644-1 Edition 2015. The number of considered particles per cubic meter of air is 352 or less.
Class 4 (ISO) details are on the following page. See illustration for test point locations.
Instrument: <i>Lighthouse S3100 Particle Counter</i> S/N: 170304007    Calibrated: 20-May-24    Due: 20-May-25

<b>HEPA FILTER LEAK TEST</b>
100% PAO (polyalphaolefin) challenge introduced upstream. Filters scanned with photometer. Downstream leakage (particles 0.3 microns and larger) < 0.01%. <b>Filters pass.</b> No repairs required.
Instrument: <i>ATI Photometer 2H</i> S/N: 22020    Calibrated: 23-Oct-24    Due: 23-Oct-25

<b>SUPPLY AIR VOLUME</b>
Total supply air volume for cleanroom is 7,193 CFM providing 375 air exchanges per hour. See illustration for individual filter volumes.
Instrument: <i>Shortridge ADM-870</i> S/N: M951067    Calibrated: 27-Sep-24    Due: 27-Sep-26

<b>STATIC PRESSURE DIFFERENTIAL</b>
See illustration for individual measurements.
Instrument: <i>Shortridge ADM-870</i> S/N: M951067    Calibrated: 27-Sep-24    Due: 27-Sep-26

<b>SECONDARY TESTS</b>
Temperature    77    °F
Humidity    21    %
Average Light Intensity    80    Fc
Average Sound Level    72    dB, A Scale, Slow

<b>COMMENTS / RECOMMENDATIONS</b>

<b>CERTIFICATION</b>
Laboratory Certification Services, Inc. (LCS), certifies that this report is a true and accurate representation of test results on the day(s) the facility was tested. LCS does not imply that the facility is appropriate for the work being performed, nor that hazardous materials and/or procedures can be safely utilized in the facility.
Tested by <b>Robert J. Latsch</b> <span style="float: right; font-size: 0.7em;">(signature by computer)</span>

## SECURE DATA RECOVERY SERVICES

MAYFIELD VILLAGE, OHIO

### CR-1154 - CLEANROOM

#### PARTICLE COUNTS

TEST DATE: FEBRUARY 27, 2025  
 TEST CONDITIONS: OPERATIONAL

	Number of Particles (0.5 microns and larger) <u>Per Cubic Foot of Air</u>	ISO 14644 CALCULATIONS Number of Particles (0.5 microns and larger) <u>Per Cubic Meter of Air</u>
TP1	0	0
TP2	0	0
TP3	0	0
TP4	0	0
TP5	0	0
TP6	0	0
TP7	0	0
TP8	0	0
TP9	0	0
AVERAGE	0	0
STANDARD DEVIATION	0	0
STANDARD ERROR	0	0
CLASS LIMITS	10	352

ROOM MEETS OR EXCEEDS TARGET OF:

**CLASS 10**  
(AT 0.5 MICRONS)

**CLASS 4**  
(AT 0.5 MICRONS)  
PER ISO 14644

*Note: Counts taken 48" from floor.  
 Sample time: 1 minute ( 1 cubic foot , 28 liters )*

**CALIBRATION CERTIFICATE**

Certificate Number: 45432170304007

**Model:** S3100 **Customer:** Laboratory Cost Services  
**Serial Number:** 170304007 **RMAR:** US-70815  
**Sensor ID:** 170204-045  
**Calibration Location:** 625 Clark Ave, Unit 16, King Of Prussia, PA 19408  
**Date of Calibration:** May 20, 2024  
**Calibration Due Date:** May 20, 2025

**Calibration Method** Calibration of this instrument has been accomplished as defined in ISO 21501-4: Light Scattering Airborne Particle Counter for Clean Spaces. All work performed is in accordance with Lighthouse Worldwide Solutions Quality Manual P/N 714252800-1 and applicable sections of 17025 SOP 0.1.1. Reproduction of this certificate and accompanying documentation is prohibited without the expressed written permission of Lighthouse Worldwide Solutions. All records of work performed are maintained by Lighthouse Worldwide Solutions.

**Traceability** The Standards of the Compliant Calibration Laboratory are traceable to the International System of Units (SI) through the National Institute of Standards and Technology, and are part of a comprehensive measurement assurance program for ensuring continued accuracy and measurement traceability within the level of uncertainty reported by this laboratory. The unique laboratory calibration number identified above shall be used in referencing metrological traceability for artifacts identified only in this certificate.

**Uncertainty** The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor of  $k = 2$ , which provides a confidence level of approximately 95%. The values and test criteria are applied using Simple Acceptance; Shared Risk approach.

**Results** This certifies the above named instrument conforms to the original specifications in effect at date of manufacture and test.

**Environmental Conditions** All reported values are established with room air at these conditions unless otherwise indicated.  
 Ambient temperature 72.0 °F Relative humidity 55.0 %

**Test Equipment**

Standards	Model	Mfg	Serial#	Cal Date	Cal Due
Flow meter	4045	TSI	40452319003	3/19/2024	9/19/2024
DMM	Fluke 179	Fluke	91110178	7/26/2023	7/26/2024
MCA	8000D	Amptek	1111	8/3/2023	8/3/2024
Test Standard	Solair	LWS	250799001	8/21/2023	8/21/2024

**Particle Size Standards**

Nominal Size	Particle Size	Tolerance (nm)	Lot No.	Manufacturer	Expiration Date
0.30µm	0.30µm	+/- 3	248877	Thermo Scientific	1/1/2025
0.40µm	0.40µm	+/- 3	269427	Thermo Scientific	6/1/2028
0.50µm	0.51µm	+/- 3.5	247149	Thermo Scientific	11/1/2028
1.00µm	1.04µm	+/- 6	241634	Thermo Scientific	6/1/2024
3.00µm	3.19µm	+/- 15	253935	Thermo Scientific	4/1/2025
5.00µm	4.90µm	+/-40	264134	Thermo Scientific	2/1/2028
10.00µm	10.10µm	+/-40	248925	Thermo Scientific	1/1/2025

**Counting Efficiency Particle Size Standards**

Nominal Size	Particle Size	Tolerance (nm)	Lot No.	Manufacturer	Expiration Date
0.30µm	0.30µm	+/- 3	248877	Thermo Scientific	1/1/2025
0.50µm	0.51µm	+/- 3.5	247149	Thermo Scientific	11/1/2028