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CERTIFICATION REPORT - CONTAINMENT VENTILATED ENCLOSURE (CVE)

Certification Report #: 02238-20250724AC01
 Customer Name: Boothwyn Pharmacy
 Customer Address: 221 Gale Lane, Kennett Square PA 19348

| | | | |
|-----------------------|--------------|-----------------------|--------------|
| Contact: | [REDACTED] | | |
| Building / Floor: | Main / First | Test Completion Date: | 24 Jul 2025 |
| Room: | 165 | Next Service Date: | January 2026 |
| Manufacturer & Model: | [REDACTED] | Customer ID Number: | N/A |
| Serial Number: | N/A | CEC Asset Number: | 02238 |

Comments: N/A

Completed By: [REDACTED] Date: 24 Jul 2025

X [REDACTED]

Reviewed by Customer (if applicable):
 X _____



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TEST RESULTS SUMMARY

| | | |
|-------------------------------------------------------------|------------------------------------------------|---------|
| Airflow Velocity Results Refer to page 3 for details. | Inflow Velocity Test | PASS |
| Site Installation Tests Refer to page 4 for details. | Airflow or Pressure Alarm Test | N/A |
| | Exhaust System Performance - Canopy Connection | N/A |
| Airflow Smoke Pattern Tests Refer to page 4 for details. | Work Access Opening - Outside Perimeter | PASS |
| | Work Access Opening - Inside Perimeter | PASS |
| HEPA Filter Integrity Tests Refer to page 5 for details. | As Found: First Exhaust Filter | PASS |
| | Final: First Exhaust Filter | PASS |
| | As Found: Second Exhaust Filter | NO TEST |
| | Final: Second Exhaust Filter | NO TEST |

| | |
|-----------|-----|
| Comments: | N/A |
|-----------|-----|



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Airflow Velocity Tests

| | | | |
|------------------------------------------------|-------------------------------|------------------|-------------|
| Anemometer Mfg.: | TSI | Model: | 966 |
| S/N: | P17260084 | Calibration Due: | 13-Mar-2026 |
| Number of Downflow Velocity Readings Taken: | 8 | | |
| Diagram of Downflow Velocity Profile Taken at: | The plane of the sash opening | | |

Data points reported in feet per minute (FPM)

| | | | | | | | | | | | |
|--|--|--|--|----|----|----|-----|--|--|--|--|
| | | | | 84 | 66 | 92 | 107 | | | | |
| | | | | 75 | 92 | 93 | 103 | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Average Velocity

| | |
|---------------------------------------|-----|
| Acceptable Min (FPM): | 60 |
| Acceptable Max (FPM): | 100 |
| Average Velocity in FPM (calculated): | 89 |

PASS

FAIL

| | | | |
|-------------------------------------|-----------------------------|-------------------------------------|-----------|
| Exhaust Damper Location: | N/A | Blower Speed Required: | No change |
| Velocity tested in accordance with: | Manufacturer Specifications | Differential Pressure: Hood | 0.2 |
| Exhaust Configuration: | Vented back into room | Differential Pressure: Exhaust Duct | N/A |

Comments: N/A



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Site Installation Assessments Tests

| Test | Acceptance Criteria | Result |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| Airflow or Pressure Alarm Test | Verify the alarm setpoint using the containment ventilated enclosure or alarm manufacturer performance verification procedures. | N/A No alarm installed Alarm Adjustments: No adjustments made |
| Exhaust System Performance (Canopy Connection) | Using a visual smoke source verify negative pressure at the canopy air gap. Measure the duct static pressure between the air gap and any duct mounted balancing damper. | N/A |

Airflow Smoke Pattern Tests

| Test | Acceptance Criteria | Result | Comments |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|
| Work Access Opening Outside Perimeter | Smoke source shall be passed along the entire perimeter of the work opening edges, approximately 1.5" (40mm) outside the cabinet. Particular attention should be paid to the corners and vertical edges. | PASS | N/A |
| Work Access Opening Inside Perimeter | Smoke source shall be passed from one end of the enclosure to the other 1" (25mm) just inside the view screen, just above the top of the access opening. | PASS | N/A |



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HEPA Filter Integrity Test

Filters that can be scanned: With the nozzle of the probe held not more than 1 inch (25 mm) from the area being tested, scan the entire downstream side of the HEPA/ULPA filter(s) and the perimeter of each filter pack by passing the photometer probe in slightly overlapping strokes at a travers rate of no more than 2 in/s (50 mm/s). Separate passes shall be made around the entire periphery of the filter along the bond between the filter pack and frame, and around the seal between the filter and the device.

Filters that are probe tested: Introduce the upstream aerosol per the manufacturers procedure and perform the probe test at a location where adequate mixing is achieved.

| | | | |
|--------------------------------------------------------|-------|------------------|-------------|
| Photometer Mfg.: | ATI | Model: | 21 |
| S/N: | 32755 | Calibration Due: | 22-Oct-2025 |
| Upstream Aerosol Challenge Concentration (calculated): | | 75 | µg/l |

Diagram of filter leak test results:

First Exhaust Filter

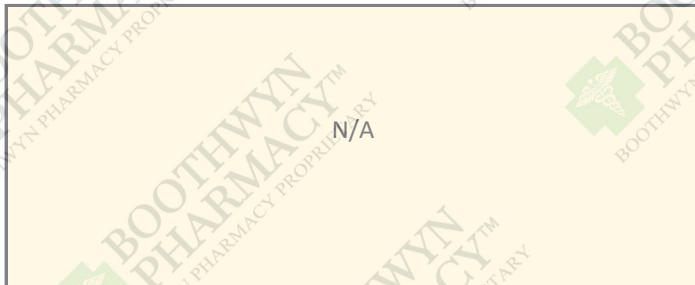


First Exhaust Filter Test Result:

| | |
|-----------------|------|
| As Found: | PASS |
| Final: | PASS |
| Leaks Repaired: | N/A |
| Repaired With: | N/A |

| | |
|--------------|--------------|
| Test Method: | Probe tested |
|--------------|--------------|

Second Exhaust Filter



Second Exhaust Filter Test Result:

| | |
|-----------------|---------|
| As Found: | NO TEST |
| Final: | NO TEST |
| Leaks Repaired: | N/A |
| Repaired With: | N/A |

| | |
|--------------|---------|
| Test Method: | No Test |
|--------------|---------|

| Legend | |
|--------|-------------------|
| / | Media Leakage |
| X | Frame Leakage |
| BR | Before Repair |
| AR | After Repair |
| ZAR | Zero After Repair |
| Z | Zero Leakage |

| | |
|------------------------------|--------------------|
| Exhaust HEPA Filter(s) Size: | (1) 12" x 12" HEPA |
| HEPA Filter(s) Replaced: | No |