



B&P Laboratories, Inc.

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October 24, 2013

Prolitec Inc.

5447 Leary Ave NW

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Attn: Danielle Leigh

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PO# 44398 Testing

Test Results for: Prolitec Qualitative Deposit Test

Background and Scope. The following results were obtained by following the protocol per Prolitec Qualitative Deposit Test Specification, Document number EN-4-06-1000-0001-00a, and revised May 30, 2012.

Test Equipment. The deposit evaluation test is based on a visual inspection of the mirror surface where a deposit formation is defined as a visible line after swabbing mirror with a clean cotton swab with light pressure. The test results are displayed in the tables below. In order to optimize the ability to observe the residue a clean, defect-free 3" x 3" Edmund Optics NT83-492 mirror was used to discern deposit formation. The mirror surface was cleaned by rinsing once with deionized B&P lab water, followed by three times with 95% ethyl alcohol (OmniSolv, Lot#6149), and three more times with deionized B&P Lab water. The mirror surface was inspected, cleaned and inspected, air-dried and photographed at the beginning and end of each 10-hour test cycle, and after swabbing.

A six foot ladder was placed directly below the appliance with the cleaned mirror on the top surface. The test was run using appliance AirQ Model AirQ-550, Serial Number PS550BLKNO13093790, track-mounted from the ceiling in the recommended standard appliance configuration mode.

The testing occurred in the main laboratory of B&P Laboratories, room dimensions 16' x 54'. Photographs of the test set-up are included as attachments.

Testing. The temperature and humidity were recorded at the beginning and end of each cycle. The time period for each cycle lasted 10 hours. As mentioned above, the mirror surface was inspected at the beginning and end of each cycle. Background measurements were taken with the appliance plugged in but in the off state. Aerosol measurements were carried out with the appliance at setting 20.

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Results:

Sample ID: AQ265C #1244AO – “Fierce for Air R43 Tox Mod”

Tested 10/12/13 through 10/14/13

Cycle/Sample ID	Temp @ Cycle Start	Temp @ Cycle End	Humidity Cycle Start	Humidity Cycle End	Duration hours	Evidence of Residue	RESULTS Pass/Fail
<i>Background Measurement #1 10/12/13 9:30pm through 10/13/13 7:30am</i>	63°F	63°F	53%	56%	10.0	No Residue No Visible Line	n/a
<i>Aerosol@ 20 “Fierce” 10/13/13 8:00am through 10/13/13 6:00pm</i>	64°F	68°F	58%	60%	10.0	No Residue No Visible Line	Pass
<i>Background Measurement #2 10/13/13 6:30pm through 10/14/13 4:30am</i>	69°F	67°F	59%	58%	10.0	No Residue No Visible Line	Pass
<i>Background Measurement #3 10/14/13 5:00am through 10/14/13 3:00pm</i>	66°F	68°F	58%	59%	10.0	No Residue No Visible Line	Pass

Observations: All tests were graded “Pass” because it was impossible to identify any significant difference between the background and aerosol measurement results. Additionally, no visible line presented itself in appearance on the mirror post swabbing with a cotton swab.

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Sample ID: AQ265C #419747KWG – “So Cal Dude”

Tested 10/18/13 through 10/20/13

Cycle/Sample ID	Temp @ Cycle Start	Temp @ Cycle End	Humidity Cycle Start	Humidity Cycle End	Duration hours	Evidence of Residue	RESULTS Pass/Fail
<i>Background Measurement #1 10/18/13 11:30am through 10/18/13 9:30pm</i>	63°F	59°F	61%	59%	10.0	No Residue No Visible Line	n/a
<i>Aerosol@ 20 “So Cal Dude” 10/18/13 10:00pm through 10/19/13 8:00am</i>	63°F	64°F	63%	64%	10.0	No Residue No Visible Line	Pass
<i>Background Measurement #2 10/19/13 8:30am through 10/19/13 6:30pm</i>	61°F	61°F	58%	60%	10.0	No Residue No Visible Line	Pass
<i>Background Measurement #3 10/19/13 7:00pm through 10/20/13 5:00am</i>	68°F	66°F	61%	61%	10.0	No Residue No Visible Line	Pass

Observations: All tests were graded “Pass” because it was impossible to identify any significant difference between the background and aerosol measurement results. Additionally, no visible line presented itself in appearance on the mirror post swabbing with a cotton swab.

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Sample ID: AQ265C #419525H – “La Perouse for Germany Firmenich”

Tested 10/20/13 through 10/21/13

Cycle/Sample ID	Temp @ Cycle Start	Temp @ Cycle End	Humidity Cycle Start	Humidity Cycle End	Duration hours	Evidence of Residue	RESULTS Pass/Fail
<i>Background Measurement #1</i> 10/20/13 6:00am through 10/20/13 4:00pm	64°F	61°F	60%	61%	10.0	No Residue No Visible Line	n/a
<i>Aerosol@ 20 “La Perouse”</i> 10/20/13 4:30pm through 10/21/13 2:30am	63°F	64°F	63%	64%	10.0	No Residue No Visible Line	Pass
<i>Background Measurement #2</i> 10/21/13 3:00am through 10/21/13 1:00pm	61°F	61°F	58%	60%	10.0	No Residue No Visible Line	Pass
<i>Background Measurement #3</i> 10/21/13 1:30pm through 10/21/13 11:30pm	61°F	61°F	61%	61%	10.0	No Residue No Visible Line	Pass

Observations: All tests were graded “Pass” because it was impossible to identify any significant difference between the background and aerosol measurement results. Additionally, no visible line presented itself in appearance on the mirror post swabbing with a cotton swab.

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Sample ID: AQ265C #419747KWG – “So Cal Dude”

Tested 10/21/13 through 10/22/13

Cycle/Sample ID	Temp @ Cycle Start	Temp @ Cycle End	Humidity Cycle Start	Humidity Cycle End	Duration hours	Evidence of Residue	RESULTS Pass/Fail
<i>Background Measurement #1 10/21/13 12am through 10/21/13 10am</i>	64°F	61°F	58%	58%	10.0	No Residue No Visible Line	n/a
<i>Aerosol@ 20 “So Cal Dude” 10/21/13 10:30 through 10/21/13 8:30pm</i>	67°F	67°F	59%	60%	10.0	No Residue No Visible Line	Pass
<i>Background Measurement #2 10/21/13 9pm through 10/22/13 7am</i>	63°F	66°F	58%	60%	10.0	No Residue No Visible Line	Pass
<i>Background Measurement #3 10/22/13 7:30am through 10/22/13 5:30pm</i>	66°F	62°F	61%	61%	10.0	No Residue No Visible Line	Pass

Observations: All tests were graded “Pass” because it was impossible to identify any significant difference between the background and aerosol measurement results. Additionally, no visible line presented itself in appearance on the mirror post swabbing with a cotton swab.

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