

Differential Pressure (Delta P) Final Report

Test Article: SAMPLE ID: WLM2002
 Purchase Order: WL201906-0920
 Study Number: 1225964-S01
 Study Received Date: 26 Sep 2019
 Testing Facility: Nelson Laboratories, LLC
 6280 S. Redwood Rd.
 Salt Lake City, UT 84123 U.S.A.
 Test Procedure(s): Standard Test Protocol (STP) Number: STP0004 Rev 17
 Deviation(s): None

Summary: The Delta P test is performed to determine the breathability of test articles by measuring the differential air pressure on either side of the test article using a manometer, at a constant flow rate. The Delta P test complies with EN 14683:2019, Annex C and ASTM F2100-19.

All test method acceptance criteria were met. Testing was performed in compliance with US FDA good manufacturing practice (GMP) regulations 21 CFR Parts 210, 211 and 820.

Test Side: Inside
 Delta P Flow Rate: 8 Liters per minute (L/min)
 Conditioning Parameters: 85 ± 5% relative humidity (RH) and 21 ± 5°C for a minimum of 4 hours
 Test Article Dimensions: ~176 mm x ~159 mm

Results:

Test Article Number	Delta P (mm H ₂ O/cm ²)	Delta P (Pa/cm ²)
1	3.0	29.2
2	3.0	29.8
3	3.0	29.8
4	3.0	29.0
5	3.0	29.2



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For
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07 Oct 2019
Study Completion Date



1225964-S01