

Differential Pressure (Delta P) Final Report

Test Article: EAM2020-20-5
 Purchase Order: PO / 007 /2020-2021
 Study Number: 1321910-S01
 Study Received Date: 18 Jul 2020
 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 18
 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 / Lighter side/ Side without label
 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

Results:

Test Article Number	Delta P (mm H ₂ O/cm ²)	Delta P (Pa/cm ²)
1	6.3	62.0
2	6.0	58.6
3	6.1	60.0
4	5.9	57.4
5	5.3	52.5



Sean Shepherd electronically approved for
Study Director

James Luskin

31 Aug 2020 18:08 (+00:00)
Study Completion Date and Time