

## Differential Pressure (Delta P) GLP Report

Test Article: SW6-2020  
 Study Number: 1355376-S01  
 Study Received Date: 23 Oct 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.

Test Side: Either  
 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 <sub>2</sub> O/cm <sup>2</sup> )	Delta P (Pa/cm <sup>2</sup> )
1	0.9	8.6
2	0.9	9.1
3	0.9	8.8
4	0.9	8.6
5	0.9	9.0

**Test Article Preparation:** The test articles were conditioned for a minimum of 4 hours at 21 ± 5°C and 85 ± 5% RH, prior to Delta P testing.

**Test Method Acceptance Criteria:** The Delta P test flow rate shall be maintained at 8 L/min throughout the testing.



Leah Tiberius electronically approved  
Study Director

Leah Tiberius

24 Nov 2020 22:39 (+00:00)  
Study Completion Date and Time