

Differential Pressure (Delta P) Final Report

Test Article: KNOS-1001GM, KNOS 1003GM, KNOS 1005GM
 Study Number: 1482324-S01
 Study Received Date: 13 Jan 2022
 Test Started Date: 21 Jan 2022
 Test Finished Date: 26 Jan 2022
 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: STP0217 Rev 01
 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+AC:2019, Annex C.

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

Results:

Test Article	Delta P (mm H ₂ O/cm ²)	Delta P (Pa/cm ²)
KNOS-1001GM	13.5	132.2
KNOS 1003GM	11.2	110.1
KNOS 1005GM	12.0	118.0



James Luskin electronically approved
Study Director

James Luskin

28 Jan 2022 15:30 (+00:00)
Study Completion Date and Time