



**triviciti**  
health

PROVIDING PROTECTION FOR THE  
AGE OF PANDEMICS

N95 Mask Manufacturing



\*using global materials

**National Institute for Occupational Safety and Health  
Respirator Branch  
Test Data Sheet**

Passing test results  
do not constitute  
NIOSH approval



**Task Number:** TN-24327

**Reference No.:** CFR 84.172

**Test:** Exhalation Resistance Test

**STP No.:** 3

**Manufacturer:** Trivicti Health Corp

**Filter Type:** Filter Only

**Item Tested:** MK12A

Sample	Maximum Allowable Resistance (MM of H2O)	Actual Resistance (MM of H2O)	Result
	Exhalation	Exhalation	
1	25	10.4	PASS
2	25	10.7	PASS
3	25	10.2	PASS

**Overall Result:** PASS

**Comments:**

Samples were tested on manometer 000286.

Was all equipment verified to be in calibration throughout all testing?



Yes



No

**Signature:**

**Date:** 10/29/2020

**Engineering Technician**

**National Institute for Occupational Safety and Health** Passing test results  
**Respirator Branch** do not constitute  
**Test Data Sheet** NIOSH approval



**Task Number:** TN-24327  
**Test:** Inhalation Resistance Test  
**Manufacturer:** Trivicti Health Corp  
**Item Tested:** MK12A

**Reference No.:** CFR 84.172  
**STP No.:** 7

**Filter Type:** Filter Only

Sample	Maximum Allowable Resistance (MM of H2O)	Actual Resistance (MM of H2O)	Result
	Inhalation	Inhalation	
1	35	13.2	PASS
2	35	13.5	PASS
3	35	11.2	PASS

**Overall Result:** PASS

**Signature:**

**Date:** 10/29/2020

**Engineering Technician**

# Our N95 Masks and Specifications

- Our folded N95 mask has a 95% filtration rate.
- Folded N95 Masks attaches with headband.
- Tamper Proof Packaging
- Individually Packaged



## Disposable Folding Face Mask:

- **Type:** Folded N95 Protective Respirator
- **Standard:** N95 = FFP2
- **Application:** Personal and PM2.5 (pollution particulates) Protection, Industrial Use
- **Color:** White
- **Efficacy:** Breathable and Comfortable Respiratory Protection

## Features:

- Multi-Layer Filter Structure Protection
- Comfortable Dual Soft Elastic Headbands
- Aluminum Adjustable Nose Clip
- Has a 95% filtration rate
- Individually packaged in tamper proof box

# Nelson Labs N95 Folded Mask (Respirator) Test Results



Nelson Labs.  
A Sotera Health company

Sponsor:  
Mark Bond  
Triviciti Health Corp.  
120 E. Corporate Place Suite 14  
Chandler, AZ 85225

## Determination of Inhalation and Exhalation Resistance for Air-Purifying Respirators Final Report

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Test Article: Lot #C20001F  
 Study Number: 1327827-S01  
 Study Received Date: 05 Aug 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: STP0145 Rev 05  
 Deviation(s): None

**Summary:** This procedure was performed to evaluate the differential pressure of non-powered air-purifying particulate respirators in accordance with 42 CFR Part 84.180. The air exchange differential or breathability of respirators was measured for inhalation resistance using NIOSH procedure TEB-APR-STP-0007 and exhalation resistance with NIOSH procedure TEB-APR-STP-0003. The differential pressure technique is a simple application of a basic physical principle employing a water manometer differential upstream and downstream of the test material, at a constant flow rate.

According to 42 CFR Part 84.64, pretesting must be performed by all applicants as part of the application process with NIOSH. Results seen below are part of that pretesting and must be submitted to and accepted by NIOSH for respirator approval.

The inhalation resistance criteria as stated in 42 CFR Part 84.180 is an initial inhalation not exceeding 35 mm water column height pressure. The test articles submitted by the sponsor conform to this NIOSH criterion for airflow resistance.

The exhalation resistance criteria as stated in 42 CFR Part 84.180 is an initial exhalation not exceeding 25 mm water column height pressure. The test articles submitted by the sponsor conform to this NIOSH criterion for airflow resistance.

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.

**Results:**

Test Article Number	Inhalation Resistance (mm H <sub>2</sub> O)	Exhalation Resistance (mm H <sub>2</sub> O)
1	16.9	11.7
2	19.2	11.4
3	14.8	11.6




Adam Brigham electronically approved for  
Study Director

Curtis Gerow

18 Aug 2020 19:40 (+00:00)  
Study Completion Date and Time

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These results apply to the samples as received and relate only to the test article listed in this report. Reports may not be reproduced except in their entirety. Subject to NLS terms and conditions at www.nelsonlabs.com

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