

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



Task Number: TN-23701

Reference No.: CFR 84.180

Test: Exhalation Resistance Test

STP No.: 3

Manufacturer: M/s. Magnum Health & Safety Pvt. Ltd.

Filter Type: Filter Only

Item Tested: MHCUP N95 MASK (cup)

Sample	Maximum Allowable Resistance (MM of H2O)	Actual Resistance (MM of H2O)	Result
	Exhalation	Exhalation	
1	25	14.0	PASS
2	25	13.2	PASS
3	25	13.5	PASS

Overall Result: PASS

Comments:

Samples were tested on manometer 000035.

Was all equipment verified to be in calibration throughout all testing? Yes No

Signature:

Date: 3/25/2020

Engineering Technician

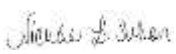
Task Number: TN-23701

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Test: Exhalation Resistance Test

STP No.: 3

Manufacturer: M/s. Magnum Health & Safety Pvt. Ltd.

Signature: 

Date: 3/25/2020

Engineering Technician

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



Task Number: TN-23701

Reference No.: CFR 84.180

Test: Inhalation Resistance Test

STP No.: 7

Manufacturer: M/s. Magnum Health & Safety Pvt. Ltd.

Item Tested: MHCUP N95 MASK (cup)

Filter Type: Filter Only

Sample	Maximum Allowable Resistance (MM of H2O)	Actual Resistance (MM of H2O)	Result
	Inhalation	Inhalation	
1	35	14.5	PASS
2	35	13.5	PASS
3	35	13.5	PASS

Overall Result: PASS

Signature:

Date: 3/25/2020

Engineering Technician

Task Number: TN-23701

Reference No.: CFR 84.180

Test: Inhalation Resistance Test

STP No.: 7

Manufacturer: M/s. Magnum Health & Safety Pvt. Ltd.

Item Tested: MHCUP N95 MASK (cup)

Comments:

Samples were tested on manometer 000036.

Was all equipment verified to be in calibration throughout all testing?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
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Signature:



Date: 3/25/2020

Engineering Technician

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



Task Number: TN-23701

Reference No.: CFR 84.181

Test: Sodium Chloride (NaCl) - N95

STP No.: 59

Manufacturer: M/s. Magnum Health & Safety Pvt. Ltd.

Item Tested: MHCUP N95 MASK (cup)

Filter	Flow Rate	Initial Filter Resistance	Maximum Allowable Percent Leakage	Initial Percent Leakage	Maximum Percent Leakage	Result
1	85	16.1	5.00	0.065	0.065	PASS
2	85	15.4	5.00	0.461	0.486	PASS
3	85	15.9	5.00	0.065	0.065	PASS
4	85	15.9	5.00	0.093	0.093	PASS
5	85	16.0	5.00	0.125	0.125	PASS
6	85	15.8	5.00	0.107	0.107	PASS
7	85	16.3	5.00	0.080	0.080	PASS
8	85	16.1	5.00	0.034	0.034	PASS
9	85	15.1	5.00	0.497	0.497	PASS
10	85	15.9	5.00	0.088	0.088	PASS
11	85	15.5	5.00	0.109	0.109	PASS
12	85	16.2	5.00	0.104	0.104	PASS
13	85	15.9	5.00	0.103	0.103	PASS
14	85	15.9	5.00	0.088	0.088	PASS
15	85	15.7	5.00	0.219	0.219	PASS
16	85	13.6	5.00	0.091	0.091	PASS
17	85	14.2	5.00	0.072	0.072	PASS
18	85	13.9	5.00	0.084	0.084	PASS
19	85	13.8	5.00	0.097	0.097	PASS
20	85	13.8	5.00	0.063	0.063	PASS

Overall Result: PASS

Signature:

Date: 3/25/2020

Engineering Technician

Task Number: TN-23701

Reference No.: CFR 84.181

Test: Sodium Chloride (NaCl) - N95

STP No.: 59

Manufacturer: M/s. Magnum Health & Safety Pvt. Ltd.

Item Tested: MHCUP N95 MASK (cup)

Comments:

Samples 1-9 were tested on TSI 8130 machine 000334 using timer 000215. Samples 10-15 were tested on TSI 8130 machine 000333. Samples 16-20 were tested on TSI 8130A machine 000388. Flow rate is measured in liters/min. Resistance is measured in mm H₂O.

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

Yes

No

Signature:



Date: 3/25/2020

Engineering Technician