

Test Report



No: 220044032

Verification Website: www.gttc.net.cn

Verification Code: FFQT-6023-54

Issue Date: 2022-03-12

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Applicant: MI Technologies, Inc.
Address: 2215 Pasco delas Americas #30, San Diego, CA 92154

Information confirmed by applicant:

M95 mask

Quantity: 100 pieces

Brand: Lutema

Colour: A. Obsidian black B. Obsidian black C. Sapphire blue D. Denim blue

E. Lavender purple F. Flamingo pink G. Mint green H. Artic white

Material: Non-woven polypropylene face mask

Model: A. Large B. Small C. Small D. Small E. Small F. Small G. Small H. Small

Manufacture's name: Breathh, Inc.

Basis of judgement:

GB 2626-2019 <Respiratory protection-Non-powered air-powered air-purifying particle respirator>

Date Received/Date Test Started: 2022-03-02

Conclusion:

Practical performance[A]	M
Head band[A]	M
Head band[B]	M
Head band[C]	M
Head band[D]	M
Head band[E]	M
Head band[F]	M
Head band[G]	M
Head band[H]	M
Filtration efficiency to NaCl particulate matter[A]	M
Inspiratory resistance[A]	M
Expiratory resistance[A]	M
Visual field under mask[A]	M

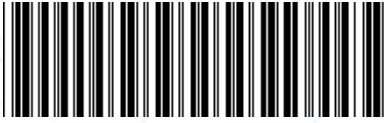
Approved By:

Li Qin Liu

LiQin Liu Senior Engineer



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Binocular visual field[A]	M
Flammability[A]	M
Dead space[A]	M
Leakage[A]	M
General[A]	M

Note: "M"-Meet the standard's requirement "F"-Fail to meet the standard's requirement
"---"-No comment

Remark:

All the tested items are tested under the standard condition (except for indication).
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The experiment was carried out at No.1, Zhujiang Road, Panyu District, Guangzhou, Guangdong, P. R. China.

Approved By: 
LiQin Liu Senior Engineer



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No: 220044032



Test Report

No: 220044032



Test Report

No:220044032



Test Report

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Practical performance[A]

M

(GB 2626-2019 6.16)

Good feeling

Requirement
According to the clause 5.15 of the
product standard
(GB 2626-2019)

Head band[A]

M

(GB 2626-2019 6.11)

Untreated sample:

1# Pass

Pretreatment sample:

1# Pass

Requirement
Each head band, buckle and other adjust
parts of mask should not slip or break
under 10N tension for 10s.
(GB 2626-2019)

Head band[B]

M

(GB 2626-2019 6.11)

Untreated sample:

1# Pass

Pretreatment sample:

1# Pass

Requirement
Each head band, buckle and other adjust
parts of mask should not slip or break
under 10N tension for 10s.
(GB 2626-2019)

Head band[C]

M

(GB 2626-2019 6.11)

Untreated sample:

1# Pass

Pretreatment sample:

1# Pass

Requirement
Each head band, buckle and other adjust
parts of mask should not slip or break
under 10N tension for 10s.
(GB 2626-2019)

Head band[D]

M

(GB 2626-2019 6.11)

Untreated sample:

1# Pass

Pretreatment sample:

1# Pass

Requirement
Each head band, buckle and other adjust
parts of mask should not slip or break
under 10N tension for 10s.
(GB 2626-2019)

Head band[E]

M

(GB 2626-2019 6.11)

Untreated sample:

1# Pass

Pretreatment sample:

1# Pass

Requirement
Each head band, buckle and other adjust
parts of mask should not slip or break
under 10N tension for 10s.
(GB 2626-2019)

Head band[F]

M

(GB 2626-2019 6.11)

Untreated sample:

1# Pass

Pretreatment sample:

1# Pass

Requirement
Each head band, buckle and other adjust
parts of mask should not slip or break
under 10N tension for 10s.
(GB 2626-2019)



Test Report

No: 220044032

Head band[G]

M

(GB 2626-2019 6.11)

Untreated sample:

1# Pass

Pretreatment sample:

1# Pass

Requirement

Each head band, buckle and other adjust parts of mask should not slip or break under 10N tension for 10s.

(GB 2626-2019)

Head band[H]

M

(GB 2626-2019 6.11)

Untreated sample:

1# Pass

Pretreatment sample:

1# Pass

Requirement

Each head band, buckle and other adjust parts of mask should not slip or break under 10N tension for 10s.

(GB 2626-2019)

Filtration efficiency to NaCl particulate matter (%) [A]

M

(GB 2626-2019 6.3, Air flow: 85L/min, Aerosol: NaCl, Aerosol concentration: 15mg/m³, Temp: 24.2°C Rh: 36.2%)

Filtration efficiency:

Untreated sample

1# 99.902

2# 99.903

3# 99.905

4# 99.894

5# 99.917

6# 99.907

7# 99.884

8# 99.890

9# 99.876

10# 99.911

11# 99.875

12# 99.894

13# 99.903

14# 99.862

15# 99.909

Pretreatment sample

1# 99.829

2# 99.286

3# 99.882

4# 99.784

5# 99.653

Requirement

Filtration efficiency:

≥ 95.0

(KN95)

(GB 2626-2019)

Inspiratory resistance (Pa) [A]

M

(GB 2626-2019 6.5, Head size: Medium)

Untreated sample:

1# 207.2

2# 208.3

Pretreatment sample:

1# 205.3

2# 201.5

Requirement

≤ 210

(GB 2626-2019)



Page 7 of 8

Test Report

No: 220044032

<p>Expiratory resistance (Pa) [A] (GB 2626-2019 6.6, Head size: Medium)</p>	<p style="text-align: right;">M</p>
<p>Untreated sample: 1# 192.3 2# 198.3 Pretreatment sample: 1# 191.0 2# 191.9</p>	<p>Requirement ≤210 (GB 2626-2019)</p>
<p>Visual field under mask(°) [A] (GB 2890-2009 6.8)</p> <p style="text-align: center;">65</p>	<p style="text-align: right;">M</p> <p>Requirement ≥35 (GB 2626-2019)</p>
<p>Binocular visual field (%) [A] (GB 2890-2009 6.8)</p> <p style="text-align: center;">89</p>	<p style="text-align: right;">M</p> <p>Requirement ≥65 (GB 2626-2019)</p>
<p>Flammability(s) [A] (GB 2626-2019 6.15)</p> <p style="text-align: center;">Afterflame time Untreated sample 1# 0.0 2# 0.0 Pretreatment sample 3# 0.0 4# 0.0</p>	<p style="text-align: right;">M</p> <p>Requirement Afterflame time ≤5 (GB 2626-2019)</p>
<p>Dead space [A] (GB 2626-2019 6.9)</p> <p>Carbon dioxide volume fraction: 0.7%</p>	<p style="text-align: right;">M</p> <p>Requirement Carbon dioxide volume fraction should not be more than 1% (GB 2626-2019)</p>
<p>Leakage [A] (GB 2626-2019 6.4)</p> <p>Based on the TIL of each action (i.e. 10 persons × 5 actions), the number of actions with TIL less than 11% in 50 actions: 50 Based on the total TIL of the subjects, the number of subjects with the total TIL less than 8% in the 10 subjects: 10</p>	<p style="text-align: right;">M</p> <p>Requirement Based on the TIL of each action (i.e. 10 persons × 5 actions), the number of actions with TIL less than 11% in 50 actions: ≥46 Based on the total TIL of the subjects, the number of subjects with the total TIL less than 8% in the 10 subjects: ≥8 (KN95) (Disposable mask) (GB 2626-2019)</p>



Test Report

No: 220044032

General [A]

M

(GB 2626-2019 6.1, 6.16)

Pass

Requirement
According to the clause 5.1 of the
product standard
(GB 2626-2019)

— End of Report —

Page 9 of 9



Note

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