

## Sky Xtra Face Mask: Key Performance characteristics

**Anmerkung:** Dieses Dokument ist eine Höflichkeitsübersetzung des englischsprachigen Masterdokuments, das unter [https://www.flashbay.com/images/certificates/Sky\\_Xtra\\_Performance.pdf](https://www.flashbay.com/images/certificates/Sky_Xtra_Performance.pdf) zu finden ist und im Falle eines Bedeutungsunterschieds zwischen dieser Übersetzung und dem Stammdokument hat die Bedeutung des Stammdokuments Vorrang.

Die Leistung der Sky Xtra Gesichtsmaske in Bezug auf die Anforderungen an die funktionelle Partikelfiltration und die Atmungsaktivität der gängigen Normen für Gesichtsmasken wurde unabhängig wie folgt ermittelt:

	FFP2	CWA 17553:2020 - Level 90%
<b>Filtration</b> EN 149:2001+A1:2009, Clause 8.11 & AFNOR-SPEC-S76-001:2020, Reference to EN13274-7: 2019 Modified	PASS	PASS
<b>Breathability</b> EN 149:2001+A1:2009, článek 8.9 & EN ISO 9237-1995	PASS	PASS

### Test gegen die funktionalen Leistungsanforderungen des FFP2

Die Sky Xtra Gesichtsmaske wurde von NTEK unabhängig auf die funktionalen Leistungsanforderungen des FFP2-Standards geprüft und weist im Neuzustand die folgenden Hauptmerkmale auf:

	Requirement	Result*
<b>Penetration of Filter Material</b> (EN 149:2001+A1:2009, Clause 8.11)	Maximum penetration of test aerosol: Sodium chloride @ 95 L/m ≤ 6% Paraffin oil @ 95 L/m ≤ 6%	Sodium chloride ≤ 2.07% Paraffin oil ≤ 4.39% PASS
<b>Breathing Resistance</b> (EN 149:2001+A1:2009, Clause 8.9)	Maximum permitted resistance (mbar): Inhalation @ 30 L/min ≤ 0.7 Inhalation @ 95 L/min ≤ 2.4 Exhalation @ 160 L/min ≤ 3.0	Inhalation @ 30 L/min ≤ 0.4 Inhalation @ 95 L/min ≤ 1.46 Exhalation @ 160 L/min ≤ 1.27 PASS
<b>Total Inward Leakage</b> (EN 149:2001+A1:2009 Clause 8.5)	Total inward leakage ≤ 8%	Total inward leakage < 8% PASS

\*NTEK-Prüfberichte als Anhang beigefügt

## Prüfung auf Konformität mit CWA 17553:2020

Darüber hinaus wurde die Sky Xtra Gesichtsmaske von Intertek unabhängig nach den gängigen Standards der Partikelfiltereffizienz (PFE) sowohl im Neuzustand als auch nach 25 Maschinenwaschgängen bei 60°C getestet und dabei folgende Eigenschaften festgestellt:

	Requirement	New*	After 25 washes*
<b>Particulates Filtration Efficiency (PFE)</b> (AFNOR-SPEC-S76-001:2020, Reference to EN13274-7: 2019 Modified)	Level 90%: $\geq 90\%$ Level 70: $\geq 70\%$	> 99.5% (Average) PASS - Level 90%	> 90% (Average) PASS - Level 90%

*\*Intertek-Prüfberichte als Anhang beigelegt*

Zusätzlich zu den von NTEK durchgeführten Messungen des Atemwiderstands gemäß EN 149:2001 + A1:2009 hat Intertek die Luftdurchlässigkeit gemäß EN ISO 9237-1995 gemessen. Bei einem Prüfdruck von 100 Pa und einer Prüffläche von 20 cm<sup>2</sup> wurde festgestellt, dass der Sky Xtra im Neuzustand eine Luftdurchlässigkeit von 153,0 L/s/m<sup>2</sup> aufweist, was deutlich über den Anforderungen der CWA 17553:2020 von größer oder gleich 96 L/s/m<sup>2</sup> liegt.

Die Testergebnisse für die Sky Xtra Gesichtsmaske werden auf den folgenden Seiten dargestellt.

## Flashbay

Februar 2021

# Test Report

**Applicant:** Flashbay Electronics  
**Address:** Building 2, Jixun Industrial Park, Xinjiao, Dong'ao Village, Shatian Town, Huiyang District, Huizhou City, Guangdong Province, P.R.China

**The following sample(s) was/were submitted and identified on behalf of the client as:**



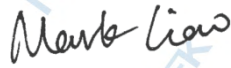
Product name: Face Mask  
Model: Sky Xtra(SKX)  
Manufacturer: Flashbay Electronics  
Address: Building 2, Jixun Industrial Park, Xinjiao, Dong'ao Village, Shatian Town, Huiyang District, Huizhou City, Guangdong Province, P.R.China  
Classification: FFP2 NR  
Sample quantity: 30 Pcs  
Sample Received Date: Feb. 04, 2021  
Testing Period: Feb. 04, 2021~ Feb. 22, 2021

**Test Requirement:**

According to the requirement of the client, the test item(s) of the sample is referring to the standard EN 149:2001+A1:2009.

**Test Result(s):** Please refer to the following page(s)

**Test Method:** Please refer to the following page(s)

Compiled by:  Reviewed by:   
Approved by:  Date: 2021-02-23

## Test Result

### Clause 7.9.2 Penetration of Filter Material

(EN 149:2001+A1:2009, Clause 8.11)

Test Requirement			Results
The penetration of the filter of the particle filtering half mask shall meet the requirements of the following table.			Detail refer to Appendix 1
Classification	Maximum penetration of test aerosol(%)		
	Sodium chloride test 95 L/min	Paraffin oil test 95 L/min	
FFP1	20	20	
FFP2	6	6	
FFP3	1	1	

### Appendix 1: Summarization of Test Data

Penetration of filter material

Aerosol	Condition	Sample No.	Penetration (%)	
			Average in 30s after 3 min	Max. during exposure
Sodium chloride test	A.R.	1#	2.07	/
		2#	1.64	/
		3#	1.19	/
Paraffin oil test	A.R.	4#	4.38	/
		5#	3.86	/
		6#	4.39	/

Flow rate of test aerosol: 95.0 L/min

**Clause 7.9.1 Total Inward Leakage**

(EN 149:2001+A1:2009 Clause 8.5)

Test Requirement	Results
<p>For particle filtering half masks fitted in accordance with the manufacturer's information, at least 46 out of the 50 individual exercise results (i.e. 10 subjects x 5 exercises) for total inward leakage shall be not greater than:</p> <p style="padding-left: 40px;">25% for FFP1 11% for FFP2 5% for FFP3</p> <p>and, in addition, at least 8 out of the 10 individual wearer arithmetic means for the total inward leakage shall be not greater than:</p> <p style="padding-left: 40px;">22% for FFP1 8% for FFP2 2% for FFP3</p>	<p>Detail refer to Appendix 2</p>

**Appendix 2: Summarization of Test Data**

Subject	Sample	Condition	Normal Breathing (%)	Head Side/Side (%)	Head Up/Down (%)	Speak Loudly (%)	Normal Breathing (%)	Mean (%)
Gu	7#	A.R.	7.2	7.3	7.5	7.6	7.3	7.38
Hu	8#	A.R.	6.8	6.9	7.2	7.4	6.9	7.04
Wang	9#	A.R.	6.5	6.6	6.7	6.8	6.6	6.64
Long	10#	A.R.	7.4	7.6	7.7	7.9	7.5	7.62
Gao	11#	A.R.	6.9	7.1	7.2	7.4	7.1	7.14
Huang	15#	A.R.	6.9	7.1	7.2	7.3	7.1	7.12
Zhou	16#	A.R.	5.2	5.4	5.6	5.7	5.3	5.44
Ma	17#	A.R.	7.2	7.3	7.4	7.6	7.4	7.38
Wu	18#	A.R.	7.5	7.7	7.8	7.9	7.6	7.70
Li	19#	A.R.	6.2	6.3	6.4	6.6	6.4	6.38

**Facial Dimension:**

Subject	Length of Face ( mm )	Width of Face ( mm )	Depth of Face ( mm )	Width of Mouth ( mm )
Gu	114	127	119	52
Hu	128	144	135	53
Wang	112	136	122	50
Long	119	134	128	51
Gao	130	154	144	52
Huang	130	140	125	53
Zhou	100	148	125	55
Ma	120	158	110	50
Wu	110	148	121	44
Li	112	146	112	50

**Clause 7.16 Breathing Resistance**

EN 149:2001+A1:2009, Clause 8.9)

Test Requirement				Results
The breathing resistances apply to valved and valveless filtering half masks and shall meet the requirements as the following table.				Detail refer to Appendix 3
Classification	Maximum permitted resistance (mbar)			
	Inhalation		Exhalation	
	30 L/min	95 L/min	160 L/min	
FFP1	0.6	2.1	3.0	
FFP2	0.7	2.4	3.0	
FFP3	1.0	3.0	3.0	

**Appendix 3: Summarization of Test Data**

Specimen	Condition	Inhalation(mbar)		Exhalation resistance(mbar)				
		At 30 L/min	At 95 L/min	At 160 L/min				
				A	B	C	D	E
12#	A.R.	0.38	1.43	1.25	1.26	1.24	1.25	1.25
13#		0.39	1.45	1.26	1.25	1.26	1.26	1.25
14#		0.40	1.46	1.26	1.25	1.26	1.27	1.26

A: facing directly ahead; B: facing vertically upwards; C: facing vertically downwards; D: lying on the left side; E: lying on the right side

**Remark:**

According to the requirement of the client, only the specimen of "A.R." has been tested.

**Sample photo(s):**



Fig.1



Fig.2

This testing report displaces the original report of No. S21020400101E, and the original one No. S21020400101E was invalid since the date of this testing report released.

\*\*\*\*End of Report\*\*\*\*

The test report is effective only with both signature and specialized stamp, the result(s) shown in this report refer only to the sample(s) tested. Without written approval of NTEK, this report can't be reproduced except in full; The laboratory is not responsible for the authenticity of the sample information provided by the customer; The laboratory is not responsible for any deviation of results due to methods/standards provided by the customer.

**Test Report**

Number: GZHT02363627-S1

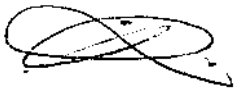
<b>Report Ref:</b>	GZHT02363627-S1	THIS IS TO SUPERSEDE REPORT NO. GZHT02363627 DATED Dec 01, 2020	
<b>Date received:</b>	Nov 16, 2020	<b>Date Issued:</b>	Dec 10, 2020

<b>Company Name:</b>	FLASHBAY ELECTRONICS		
<b>Address:</b>	BUILDING 2,JIXUN INDUSTRIAL PARK DONG'AO VILLAGE,SHATIAN TOWN HUIYANG DISTRICT,HUIZHOU CITY GUANGDONG PROVINCE,P.R.CHINA		
<b>Contact Name:</b>	Levin		

The Following Sample Was Submitted And Identified By/On Behalf Of The Applicant As:	
End Uses	: Face Mask
Ratings	: -
Sample Name	: Knitted Face Mask
No. Of Sample	: One(53 pieces)
Size	: -
Colour	: Black
Standard	: -
Date received/ Test Started	: Nov 16, 2020
Ref	: Sky

Test was conducted on specific items, at our client's request.

Prepared And Checked By:  
For Intertek Testing Services Shenzhen Ltd. Guangzhou Branch



Lin Lin  
General Manager



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QIN / hilaryxu

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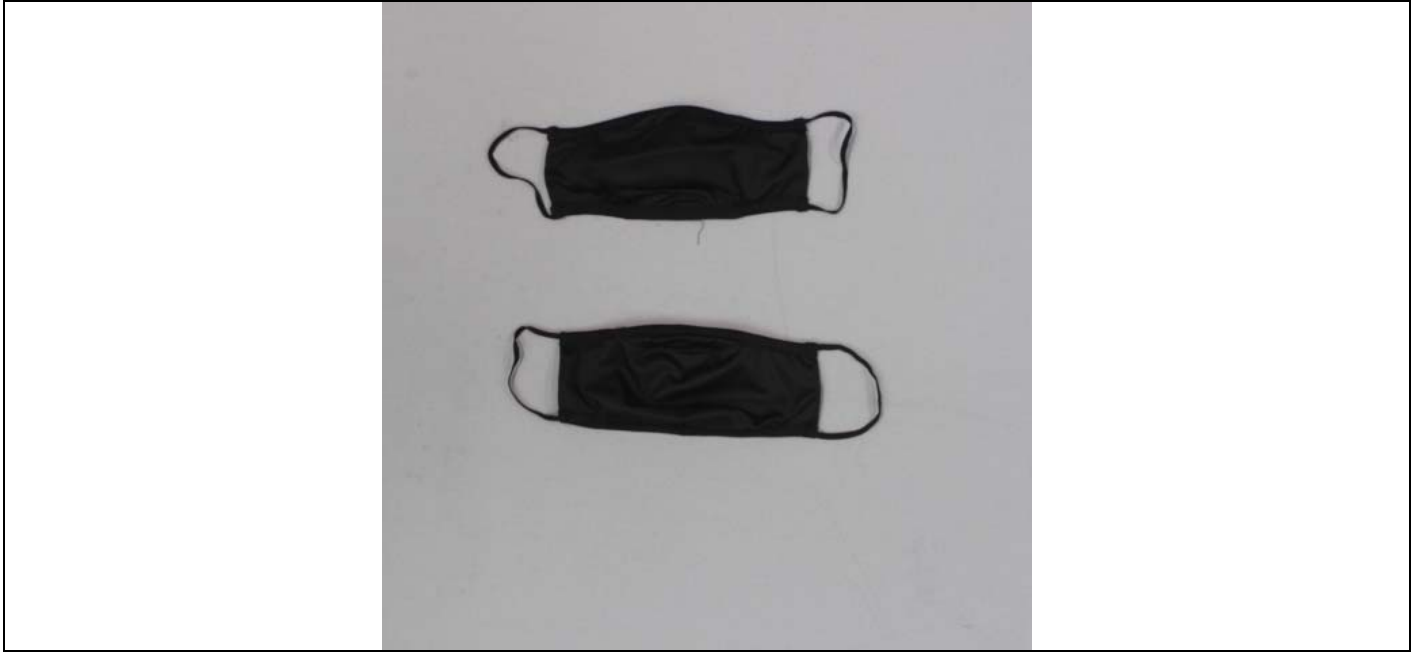
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**Original Sample Photo**



Prepared And Checked By:  
For Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Lin Lin  
General Manager



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**Test Report**

Number: GZHT02363627-S1

Tests Conducted (As Requested By The Applicant)

- 1 Penetration Test As Received (AFNOR-SPEC-S76-001:2020, Reference to EN13274-7: 2019 Modified)

**TEST RESULTS:**

Efficiency of Filter Material				
Aerosol	Standard terms Methods	Unit	Result	
Sodium Chloride	Aerosol particles: NaCl Flow rate: 6cm/s Sampling time: 1min Temperature: 22.3°C Relative humidity: 36%RH Test area: 56.7cm <sup>2</sup> Particle Diameter: around 3 μ m	%	#1	99.96
			#2	99.94
			#3	99.98
			#4	99.94
			#5	97.71
			Average	99.51
Paraffin Oil	Aerosol particles: Paraffin oil Flow rate: 6 cm/s Sampling time: 1min Temperature: 22.3°C Relative humidity: 36%RH Test area: 56.7cm <sup>2</sup> Particle Diameter: around 3 μ m	%	#1	99.98
			#2	99.93
			#3	99.23
			#4	99.76
			#5	99.91
			Average	99.76

Remark: The test was performed by an approved third party subcontractor laboratory.

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**Test Report**

Number: GZHT02363627-S1

Tests Conducted (As Requested By The Applicant)

## 2 Bacterial Filtration Efficiency (BFE)

**Test Method:** With reference to EN 14683: 2019+AC: 2019 Annex B**Summary of Test Method:**

A specimen of the mask material is clamped between a six-stage cascade impactor and an aerosol chamber. The bacterial aerosol is introduced into the aerosol chamber using a nebulizer and a culture suspension of *Staphylococcus aureus*. The aerosol is drawn through the medical face mask material using a vacuum attached to the cascade impactor. The six-stage cascade impactor uses six agar plates to collect aerosol droplets which penetrate the medical face mask material. Control samples are collected with no test specimen clamped in the test apparatus to determine the upstream aerosol counts. The agar plates from the cascade impactor are incubated for (20 to 52) h and counted to determine the number of viable particles collected.

The bacterial filtration efficiency (BFE) of the mask is given by the number of colony forming units passing through the medical face mask material expressed as a percentage of the number of colony forming units present in the challenge aerosol.

**Conditioning of the Specimens:** 4 h at  $(21 \pm 5) ^\circ\text{C}$  and  $(85 \pm 5) \%$  relative humidity**Test Condition:**Biological Aerosol: *Staphylococcus aureus* (ATCC 6538)

Testing side: Inside of the test specimen was facing towards the challenge aerosol

Test area:  $78 \text{ cm}^2$ 

Flow rate: 28.3 L/min

The average plate count results of the positive controls:  $2.5 \times 10^3$  CFUThe average plate count results of the negative controls:  $< 1$  CFUMean particle size (MPS):  $2.7 \mu\text{m}$ Incubation condition:  $(37 \pm 2) ^\circ\text{C}$  for (20 to 52) h

Number of test specimens: 5

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**Test Report**

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Tests Conducted (As Requested By The Applicant)

**Test Procedure:**

1. Preparation of the bacterial challenge: Dilute the culture in peptone water to achieve a concentration of approximately  $5 \times 10^5$  CFU/mL.
2. Deliver the challenge to the nebulizer using a peristaltic or syringe pump. Connect tubing to nebulizer and peristaltic pump and into the challenge suspension; purge tubing and nebulizer of air bubbles.
3. Perform a positive control run without a test specimen clamped into the test system to determine the number of viable aerosol particles being generated.
4. Initiate the aerosol challenge by turning on the air pressure and pump connected to the nebulizer.
5. Immediately begin sampling the aerosol using the cascade impactor. Adjust the flow rate through the cascade impactor to 28.3 L/m.
6. Time the challenge suspension to be delivered to the nebulizer for 1 min.
7. Time the air pressure and cascade impactor to run for 2 min.
8. At the conclusion of the positive control run, remove plates from the cascade impactor.
9. Place new agar plates into the cascade impactor and clamp the test specimen into the top of the cascade impactor, with the inside oriented toward the challenge as intended.
10. Repeat the challenge procedure for each test specimen and positive control sample.
11. Perform a negative control sample by collecting a 2 min sample of air from the aerosol chamber. No bacterial challenge should be pumped into the nebulizer during the collection of the negative control sample.
12. Incubate agar plates at  $(37 \pm 2)$  °C for (20 to 52) h.
13. Count each of the six-stage plates of the cascade impactor.
14. Total the counts from each of the six plates for the test specimens and positive controls. Calculate the filtration efficiency percentages.

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**Test Report**

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Tests Conducted (As Requested By The Applicant)

**Calculation:**

The Bacterial Filtration Efficiency (BFE), was calculated as a percentage using the following equation:

$$\% \text{ BFE} = (C-T)/C \times 100$$

where,

*C* = Average plate counts total for test controls;*T* = Plate count total for the test specimen.**Test Result:**

Tested Specimen	Result	
	The Total Plate Count (T) (CFU)	Bacterial Filtration Efficiency (BFE) (%)
Specimen (1)	201	91.9
Specimen (2)	573	76.8
Specimen (3)	233	90.6
Specimen (4)	454	81.6
Specimen (5)	591	76.1

Remarks:

CFU = Colony Forming Unit

This item was conducted in Caipin Road, Guangzhou Science City, GETDD, Guangzhou, Guangdong.

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Tests Conducted (As Requested By The Applicant)

## 3 Air Permeability As Received (EN ISO 9237-1995):

153.0 L/s/m<sup>2</sup>Remark: Test Pressure = 100 Pa  
Test Area = 20 cm<sup>2</sup>

End of Report

*This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. No copy of the test report(except for full text copy) shall be made without the written approval by Intertek.*

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To : FLASHBAY ELECTRONICS  
Attention : Levin

Date : Dec 10, 2020

Re : Report Revision Notification

Labtest Report Number GZHT02363627 date DEC 01, 2020

Please be informed that all the content recorded in the above captioned report will be void. This captioned report is now superseded by a revised Labtest Report, Number GZHT02363627-S1 , issued on Dec 10, 2020 .

Thank you for your attention

Prepared And Checked By:  
For Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Lin Lin  
General Manager

**Intertek Testing Services Shenzhen Ltd. Guangzhou Branch**  
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**Test Report**

Number: GZHT02368390

<b>Report Ref:</b>	GZHT02368390		
<b>Date received/ Test Started:</b>	Nov 26, 2020	<b>Date Issued:</b>	Dec 09, 2020

<b>Company Name:</b>	FLASHBAY ELECTRONICS		
<b>Address:</b>	BUILDING 2, JIXUN INDUSTRIAL PARK DONG'AO VILLAGE, SHATIAN TOWN HUIYANG DISTRICT, HUIZHOU CITY GUANGDONG PROVINCE, P.R.CHINA		
<b>Contact Name:</b>	Levin		

The Following Sample Was Submitted And Identified By/On Behalf Of The Applicant As:	
End Uses	: Face Mask
Ratings	: -
Sample Name	: Knitted Face Mask (After 25 times Washed by Client)
No. Of Sample	: One(46 pieces)
Size	: -
Colour	: Black
Standard	: -
Date received/ Test Started	: Nov 26, 2020
Ref	: SKY(After 25 times Washed)

Test was conducted on specific items, at our client's request.

Prepared And Checked By:  
For Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Lin Lin  
General Manager



AL / hilaryxu

**Intertek Testing Services Shenzhen Ltd. Guangzhou Branch**

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**Original Sample Photo**



Prepared And Checked By:  
For Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

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General Manager



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**Test Report**

Number: GZHT02368390

Tests Conducted (As Requested By The Applicant)

1 Penetration Test As Received (AFNOR-SPEC-S76-001:2020, Reference to EN 13274-7: 2019 Modified):

Aerosol Particle	Test Parameters	Unit	Result	
Sodium Chloride	Flow Rate: 6 cm/s Sampling Time: 1 min Temperature: 22.1°C Relative Humidity: 36% RH Test Area: 56.7 cm <sup>2</sup> Particle Diameter: Around 3 µm	%	#1	97.05
			#2	96.35
			#3	98.55
			#4	96.28
			#5	98.71
			Average	97.39
Paraffin Oil	Flow Rate: 6 cm/s Sampling Time: 1 min Temperature: 22.1°C Relative Humidity: 36% RH Test Area: 56.7 cm <sup>2</sup> Particle Diameter: Around 3 µm	%	#1	84.32
			#2	91.57
			#3	92.47
			#4	91.48
			#5	91.93
			Average	90.63

Remark: The test was performed by an approved third party subcontractor laboratory.

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**Test Report**

Number: GZHT02368390

Tests Conducted (As Requested By The Applicant)

## 2 Bacterial Filtration Efficiency (BFE)

**Test Method:** With reference to EN 14683: 2019+AC: 2019 Annex B**Summary of Test Method:**

A specimen of the mask material is clamped between a six-stage cascade impactor and an aerosol chamber. The bacterial aerosol is introduced into the aerosol chamber using a nebulizer and a culture suspension of *Staphylococcus aureus*. The aerosol is drawn through the medical face mask material using a vacuum attached to the cascade impactor. The six-stage cascade impactor uses six agar plates to collect aerosol droplets which penetrate the medical face mask material. Control samples are collected with no test specimen clamped in the test apparatus to determine the upstream aerosol counts. The agar plates from the cascade impactor are incubated for (20 to 52) h and counted to determine the number of viable particles collected.

The bacterial filtration efficiency (BFE) of the mask is given by the number of colony forming units passing through the medical face mask material expressed as a percentage of the number of colony forming units present in the challenge aerosol.

**Conditioning of the Specimens:** 4 h at  $(21 \pm 5) ^\circ\text{C}$  and  $(85 \pm 5) \%$  relative humidity**Test Condition:**Biological Aerosol: *Staphylococcus aureus* (ATCC 6538)

Testing side: Inside of the test specimen was facing towards the challenge aerosol

Test area:  $78 \text{ cm}^2$ 

Flow rate: 28.3 L/min

The average plate count results of the positive controls:  $2.4 \times 10^3$  CFUThe average plate count results of the negative controls:  $< 1$  CFUMean particle size (MPS):  $2.7 \mu\text{m}$ Incubation condition:  $(37 \pm 2) ^\circ\text{C}$  for (20 to 52) h

Number of test specimens: 5

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**Test Report**

Number: GZHT02368390

Tests Conducted (As Requested By The Applicant)

**Test Procedure:**

1. Preparation of the bacterial challenge: Dilute the culture in peptone water to achieve a concentration of approximately  $5 \times 10^5$  CFU/mL.
2. Deliver the challenge to the nebulizer using a peristaltic or syringe pump. Connect tubing to nebulizer and peristaltic pump and into the challenge suspension; purge tubing and nebulizer of air bubbles.
3. Perform a positive control run without a test specimen clamped into the test system to determine the number of viable aerosol particles being generated.
4. Initiate the aerosol challenge by turning on the air pressure and pump connected to the nebulizer.
5. Immediately begin sampling the aerosol using the cascade impactor. Adjust the flow rate through the cascade impactor to 28.3 L/m.
6. Time the challenge suspension to be delivered to the nebulizer for 1 min.
7. Time the air pressure and cascade impactor to run for 2 min.
8. At the conclusion of the positive control run, remove plates from the cascade impactor.
9. Place new agar plates into the cascade impactor and clamp the test specimen into the top of the cascade impactor, with the inside oriented toward the challenge as intended.
10. Repeat the challenge procedure for each test specimen and positive control sample.
11. Perform a negative control sample by collecting a 2 min sample of air from the aerosol chamber. No bacterial challenge should be pumped into the nebulizer during the collection of the negative control sample.
12. Incubate agar plates at  $(37 \pm 2)$  °C for (20 to 52) h.
13. Count each of the six-stage plates of the cascade impactor.
14. Total the counts from each of the six plates for the test specimens and positive controls. Calculate the filtration efficiency percentages.

**Calculation:**

The Bacterial Filtration Efficiency (BFE), was calculated as a percentage using the following equation:

$$\% \text{ BFE} = (C-T)/C \times 100$$

where,

$C$  = Average plate counts total for test controls;

$T$  = Plate count total for the test specimen.

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**Test Report**

Number: GZHT02368390

Tests Conducted (As Requested By The Applicant)

**Test Result:**

Tested Specimen	Result	
	The Total Plate Count (T) (CFU)	Bacterial Filtration Efficiency (BFE) (%)
Specimen (1)	579	75.7
Specimen (2)	582	75.5
Specimen (3)	537	77.4
Specimen (4)	513	78.4
Specimen (5)	444	81.3

Remarks:

CFU = Colony Forming Unit

This item was conducted in Caipin Road, Guangzhou Science City, GETDD, Guangzhou, Guangdong.

End of Report

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