

Test Report

Number: GZHT02344138

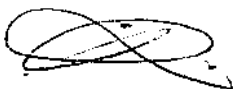
Report Ref:	GZHT02344138		
Date Received:	Sep 27, 2020	Date Issued:	Oct 15, 2020

Company Name:	MKTO CATAL IMPORTACIONES S.L.
Address:	CTRA.HUERCAL-OVERA S/N ES-04640 PUPIL AMLERIA SPAIN
Contact Name:	Celina

The Following Sample Was Submitted And Identified By/On Behalf Of The Applicant As:	
End Uses	: Non-Sterile Medical Face Mask
Ratings	: Type IIR
Sample Name	: Disposable Mask
No. Of Sample	: One(50 pieces)
Size	: -
Colour	: Black
Standard	: EN 14683:2019+AC:2019
Buyer	: MKTO CATAL IMPORTACIONES S.L.
Date received/ Test Started	: Sep 27, 2020
Ref	: Lot No.: Item 6634

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



Ula / hilaryxu

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

深圳天祥质量技术服务有限公司广州分公司

Room 02, 1-8/F & Room 01, E101/E201/E301/E401/E501/E601/E701/E801,
No.7-2, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, China

中国广州经济技术开发区科学城彩频路7号之二第1-8层02房、01房、03房

101、E201、E301、E401、E501、E601、E701、E801

Tel: +86 20 8213 9001 Fax: +86 20 8208 9909 Postcode: 510663

Room 03, Hengyun Building, 235 Kaifa Ave., Guangzhou

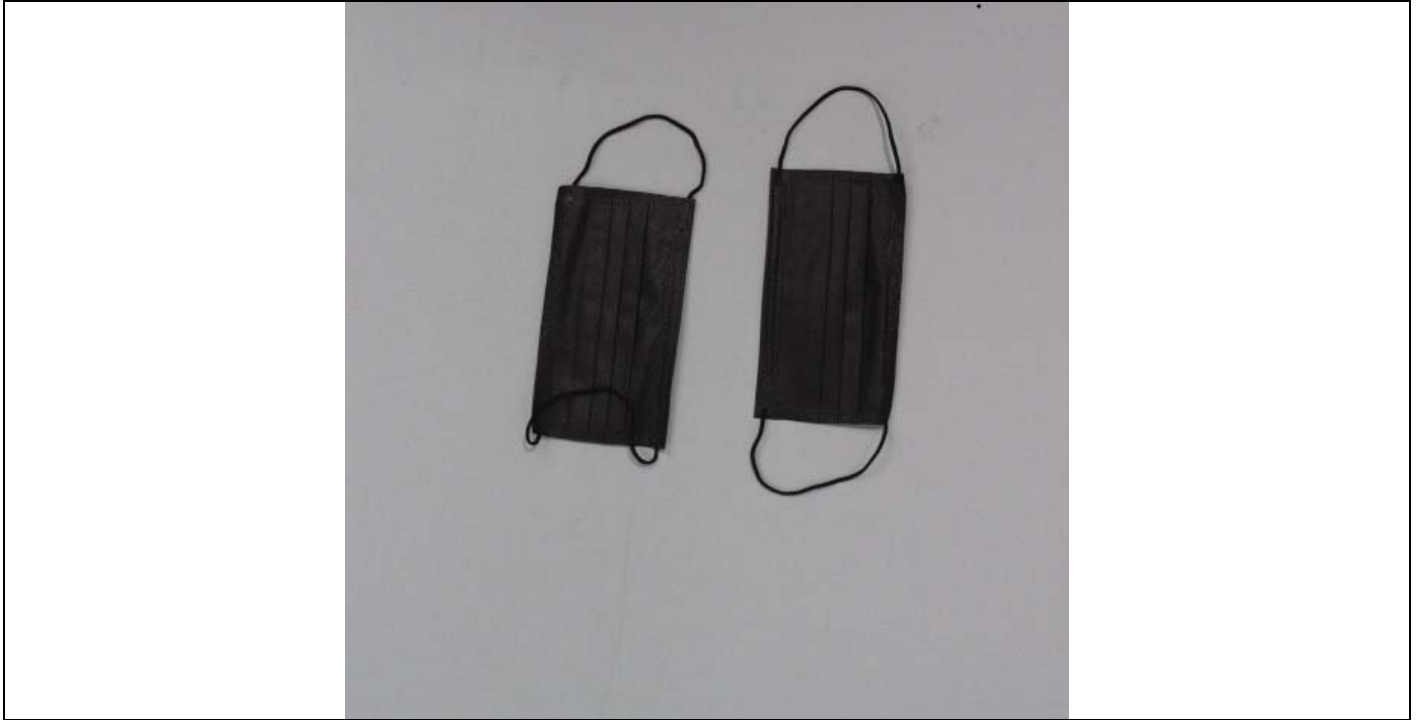
Economic & Technological Development District, Guangzhou, China

中国广州经济技术开发区开发大道235号恒运大厦3楼

Tel: +86 20 8396 6868 Fax: +86 20 8222 8169 Postcode: 510730



Original Sample Photo



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

Lin Lin
General Manager

Ula / hilaryxu



Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

深圳天祥质量技术服务有限公司广州分公司

Room 02, 1-8/F & Room 01, E101/E201/E301/E401/E501/E601/E701/E801,
No.7-2, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, China

中国广州经济技术开发区科学城彩频路7号之二第1-8层02房、01房、101、

E201、E301、E401、E501、E601、E701、E801

Tel: +86 20 8213 9001 Fax: +86 20 8208 9909 Postcode: 510663

Room 03, Hengyun Building, 235 Kaifa Ave., Guangzhou

Economic & Technological Development District, Guangzhou, China

中国广州经济技术开发区开发大道235号恒运大厦3楼

Tel: +86 20 8396 6868 Fax: +86 20 8222 8169 Postcode: 510730



Test Report

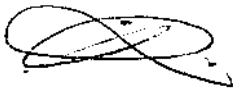
Number: GZHT02344138

Summary of testing:

With reference to following standard:
• EN 14683:2019+AC:2019 Medical face masks – Requirements and test methods Type IIR

Materials Used in The Submitted Sample Were Found To Comply With The Type IIR Requirements of EN 14683:2019+AC:2019 with respect to Differential Pressure and Bacterial Filtration Efficiency tests.

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



Lin Lin
General Manager



Ula / hilaryxu

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

深圳天祥质量技术服务有限公司广州分公司

Room 02, 1-8/F & Room 01, E101/E201/E301/E401/E501/E601/E701/E801,
No.7-2, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, China

中国广州经济技术开发区科学城彩频路7号之二第1-8层02房、01房、

101、E201、E301、E401、E501、E601、E701、E801

Tel: +86 20 8213 9001 Fax: +86 20 8208 9909 Postcode: 510663

Room 03, Hengyun Building, 235 Kaifa Ave., Guangzhou

Economic & Technological Development District, Guangzhou, China

中国广州经济技术开发区开发大道235号恒运大厦3楼

Tel: +86 20 8396 6868 Fax: +86 20 8222 8169 Postcode: 510730



Test Report

Number: GZHT02344138

Tests Conducted (As Requested By The Applicant)

- 1 Differential Pressure (EN 14683:2019+AC:2019 Annex C):
Air flow: 8L/min, Test area diameter 25 mm, Test area: 4.9 cm².

Tested Sample	Result (Pa/cm ²)*					Performance Requirement for Medical Face Mask (Pa/cm ²)
	Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5	
Location 1	47.8	44.5	54.1	56.9	53.3	Type IIR: <60
Location 2	49.8	44.6	47.7	50.4	53.6	
Location 3	56.1	59.4	56.9	59.8	52.1	
Location 4	60.1	60.9	53.4	59.4	58.8	
Location 5	63.7	47.1	52.3	59.6	54.9	
Average	55.5	51.3	52.9	57.2	54.5	
* = All the locations were evenly taken from the main mask body.						

Ula / hilaryxu

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

深圳天祥质量技术服务有限公司广州分公司

Room 02, 1-8/F & Room 01, E101/E201/E301/E401/E501/E601/E701/E801, No.7-2, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, China
 中国广州经济技术开发区科学城彩频路7号之二第1-8层02房、01房
 101、
 E201、E301、E401、E501、E601、E701、E801
 Tel: +86 20 8213 9001 Fax: +86 20 8208 9909 Postcode: 510663

Hengyun Building, 235 Kaifa Ave., Guangzhou
 Economic & Technological Development District, Guangzhou, China
 中国广州经济技术开发区开发大道235号恒运大厦3楼
 Tel: +86 20 8396 6868 Fax: +86 20 8222 8169 Postcode: 510730



Test Report

Number: GZHT02344138

Tests Conducted (As Requested By The Applicant)

2 Bacterial Filtration Efficiency (BFE)

As Per EN 14683:2019+AC:2019 Medical face masks – Requirements And Test Methods Annex B.

Test Item	Results (%)					Performance Requirement for Medical Face Mask (%)
	Specimen (1)	Specimen (2)	Specimen (3)	Specimen (4)	Specimen (5)	
Bacterial Filtration Efficiency (BFE)	>99.9	99.9	>99.9	99.8	99.9	Type IIR: ≥98

Remarks:

1. Biological Aerosol: Staphylococcus aureus (ATCC 6538).
2. Testing side: Inside of the test specimen was facing towards the challenge aerosol.
3. Test area: 78 cm²
4. Flow rate: 28.3 L/min
5. The average plate count results of the positive controls: 2.4×10³ CFU
6. The average plate count results of the negative controls: < 1 CFU
7. CFU = Colony Forming Unit

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

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.

Ula / hilaryxu

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

深圳天祥质量技术服务有限公司广州分公司

Room 02, 1-8/F & Room 01, E101/E201/E301/E401/E501/E601/E701/E801, No.7-2, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, China

中国广州经济技术开发区科学城彩频路7号之二第1-8层02房、01房

101、E201、E301、E401、E501、E601、E701、E801

Tel: +86 20 8213 9001 Fax: +86 20 8208 9909 Postcode: 510663

Room 01, Hengyun Building, 235 Kaifa Ave., Guangzhou

Economic & Technological Development District, Guangzhou, China

中国广州经济技术开发区开发大道235号恒运大厦3楼

Tel: +86 20 8396 6868 Fax: +86 20 8222 8169 Postcode: 510730

