

Test Report

Number: GZHT02326034

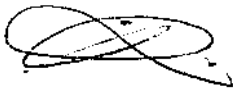
Report Ref:	GZHT02326034		
Date Received:	Aug 12, 2020	Date Issued:	Aug 18, 2020

Company Name:	MKTO CATAL IMPORTACIONES S.L.
Address:	CTRA.HUERCAL-OVERA S/N ES-04640 PULPI ALMERIA 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(20 pieces)
Size	: -
Colour	: White
Standard	: EN 14683:2019+AC:2019
Buyer	: MKTO CATAL IMPORTACIONES S.L.
Date received/ Test Started	: Aug 12, 2020
Ref	: Lot No.: Item 6711

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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Original Sample Photo



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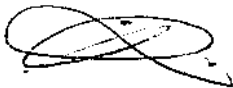
Summary of testing:

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.

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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	50.0	47.0	42.5	46.1	50.5	Type IIR: < 60
Location 2	50.3	51.4	45.9	47.6	53.4	
Location 3	51.7	51.6	52.0	59.2	55.9	
Location 4	51.5	55.0	56.9	57.3	53.7	
Location 5	48.5	47.0	53.2	56.1	58.8	
Average	50.4	50.4	50.1	53.3	54.5	
* = All the locations were evenly taken from the main mask body.						

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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	>99.9	>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: 1.9×10³ 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.

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