

Test Report

Number: GZHT02326037

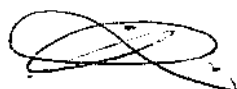
Report Ref:	GZHT02326037		
Date Received:	Aug 12, 2020	Date Issued:	Aug 18, 2020

Company Name:	MKTO CATAL IMPORTACIONES S.L. CTRA.HUERCAL-OVERA S/N ES-04640 PULPI ALMERIA SPAIN
Address:	
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(15 pieces)
Size	: -
Colour	: Black
Standard	: EN 14683:2019+AC:2019
Buyer	: MKTO CATAL IMPORTACIONES S.L.
Date received/ Test Started	: Aug 12, 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



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Original Sample Photo



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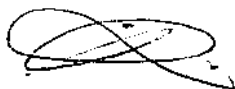
Summary of testing:

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 Bacterial Filtration Efficiency and Differential Pressure test.

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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.

<u>Tested Sample</u>	<u>Result (Pa/cm²)*</u>					<u>Performance Requirement for Medical Face Mask (Pa/cm²)</u>
	Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5	
Location 1	43.0	45.0	38.8	41.9	40.8	Type IIR: < 60
Location 2	40.3	42.1	39.6	39.7	40.5	
Location 3	41.8	43.4	42.8	46.3	43.4	
Location 4	41.2	42.9	38.8	42.2	45.7	
Location 5	39.1	38.5	46.0	37.6	41.7	
Average	41.1	42.4	41.2	41.5	42.4	
* = 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
	Specimen (1)	Specimen (2)	Specimen (3)	Specimen (4)	Specimen (5)	Medical Face Mask (%)
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: 2.0×10³ 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

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