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Test Report

Number: GZHT02344138

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

Company Name: **Address:**	MKTO CATAL IMPORTACIONES S.L. 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

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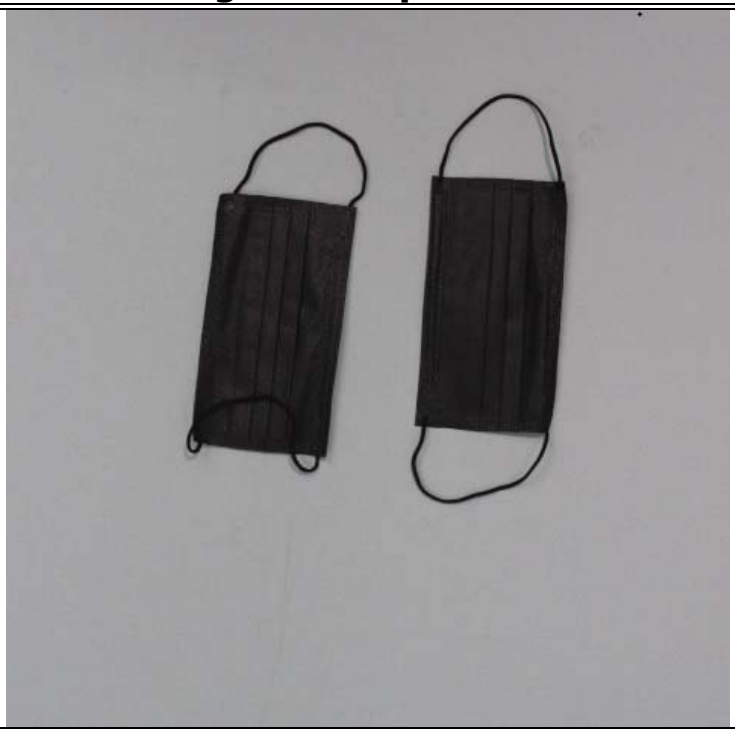
Original Sample Photo



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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 cm^2.

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.						

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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	99.8	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 cm^2
4. Flow rate: 28.3 L/min
5. The average plate count results of the positive controls: 2.4×10^3 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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