



**Test Report**

Number: GZHT02303674

<b>Report Ref:</b>	GZHT02303674		
<b>Date Received:</b>	Jun 15, 2020	<b>Date Issued:</b>	Jun 24, 2020

<b>Company Name:</b> <b>Address:</b>  <b>Contact Name:</b>	
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The Following Sample Was Submitted And Identified By/On Behalf Of The Applicant As:	
End Uses	: Non-Sterile Medical Face Mask
Ratings	: Type I
Sample Name	: Disposable Medical Face Mask
Size	: 17.5cm*9.5cm
Colour	: Blue
Standard	: EN 14683:2019+AC:2019
Manufacturer	: 
Brand	: 
Date received/ Test Started	: Jun 15, 2020
Ref	: DQSM02, DQSM03 鄂械注准 20162642299

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



WEN / abbyqzeng

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**Original Sample Photo**



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**Test Report**

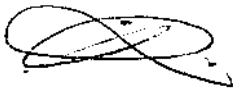
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**Summary of testing:**

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

Materials Used in The Submitted Sample Were Found To Comply With The Type I Requirements of EN 14683:2019+AC:2019 with respect to Microbial Cleanliness, Bacterial Filtration Efficiency and Differential Pressure 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<sup>2</sup>.

<u>Tested Sample</u>	<u>Result (Pa/cm<sup>2</sup>)</u>	<u>Performance Requirement for Medical Face Mask (Pa/cm<sup>2</sup>)</u>
Specimen (1)	33.8	Type I: < 40
Specimen (2)	27.5	
Specimen (3)	31.2	
Specimen (4)	34.3	
Specimen (5)	34.9	
Average	32.3	

- 2 Microbial Cleanliness

As Per EN 14683:2019+AC:2019 Medical face masks-Requirements and test methods Annex D.

<u>Test Item</u>	<u>Result ( cfu/g )</u>					<u>Limit ( cfu/g )</u>
	<u>Specimen (1)</u>	<u>Specimen (2)</u>	<u>Specimen (3)</u>	<u>Specimen (4)</u>	<u>Specimen (5)</u>	
Microbial cleanliness	2	2	3	2	2	Type I: ≤30

Remark:  
cfu = colony forming unit  
≤ = Not more than

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3 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	99.8	99.9	99.9	99.8	Type I: ≥95

Remarks:

1. Biological Aerosol: *Staphylococcus aureus* (ATCC 6538).
2. Testing side: Outside of the test specimen was facing towards the challenge aerosol.
3. Test area: 78 cm<sup>2</sup>
4. Flow rate: 28.3 L/min
5. The average plate count results of the positive controls: 2500 CFU
6. The average plate count results of the negative controls: < 1 CFU
7. CFU = Colony Forming Unit

End of Report

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