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Test Report

Number: GZHT02303674

Report Ref:	GZHT02303674		
Date Received:	Jun 15, 2020	**Date Issued:**	Jun 24, 2020

Company Name: **Address:** **Contact Name:**	[redacted]

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	:	[redacted]
Brand	:	[redacted]
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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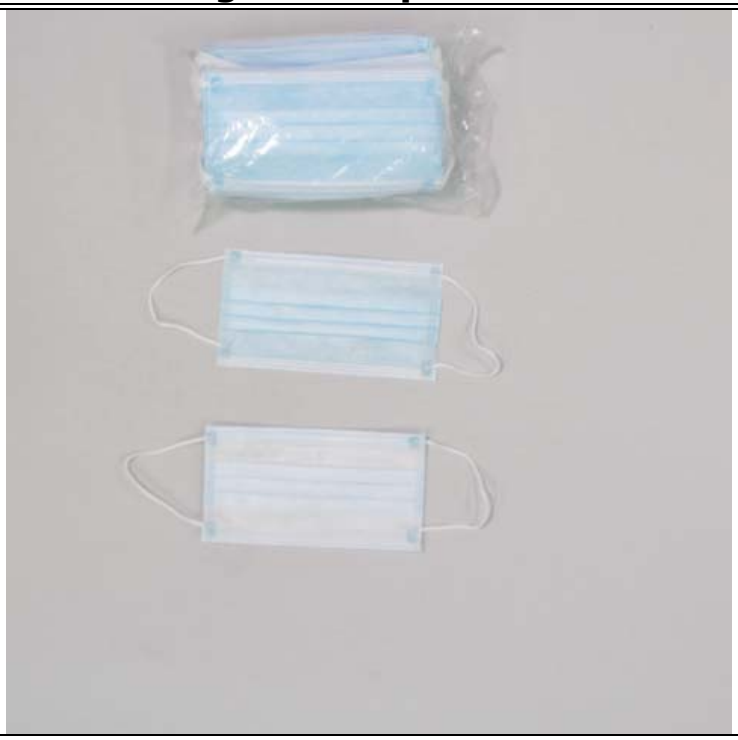
Original Sample Photo



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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^2.

Tested Sample	Result (Pa/cm^2)	Performance Requirement for Medical Face Mask (Pa/cm^2)
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.

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

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

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Tests Conducted (As Requested By The Applicant)

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^2
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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