

Number: GZHT02293023

Report Ref:	GZHT02293023		
Date Received:	May 18, 2020/May 19, 2020	Date Issued:	Jun 01, 2020

Company Name:	HUNAN EEXI TECHNOLOGY & SERVICE CO LTD		
Address:	NO.6, NORTH OF PINGTOU ROAD LIUYANG HI-TECH INDUSTRIAL DEVELOPMENT ZONE, HUNAN CHINA		
Contact Name:	XU XIAO XIAO		

The Following Sample Was Submitted And Identified By/On Behalf Of The Applicant As:	
End Uses	: Non-Sterile Medical Face Mask
Ratings	: Type II
Sample Name	: Disposable Medical Face Mask
Size	: 14.5*9cm
Colour	: Blue/White
Standard	: EN 14683:2019+AC:2019
Manufacturer	: HUNAN EEXI TECHNOLOGY & SERVICE CO.,LTD
Date received/ Test Started	: May 18, 2020/May 19, 2020
Ref	: Band Name: E-YOU Type No : YX105

Testing was conducted on specific items, at our client's request.

Approved by:

Sr. Manager



Assistant Supervisor



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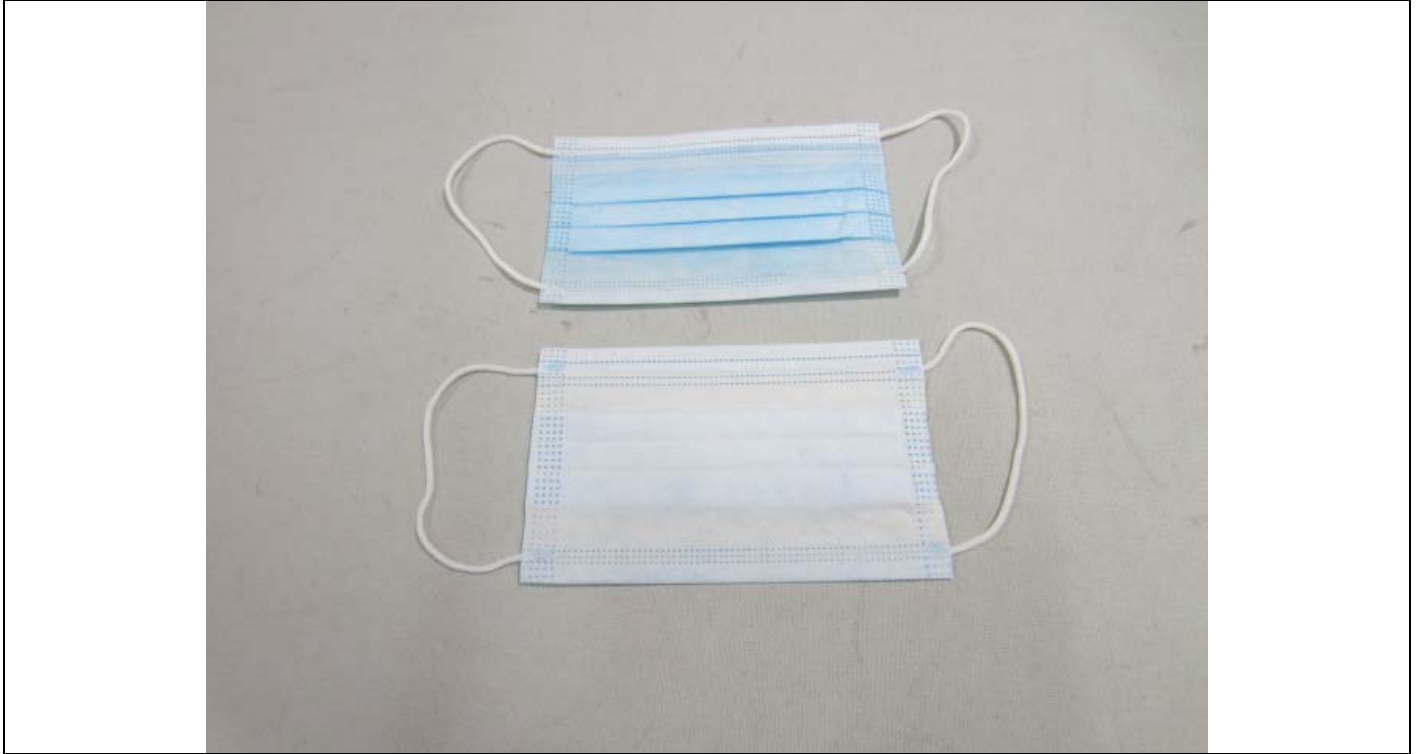
Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
深圳天祥质量技术服务有限公司广州分公司

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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 II

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

Approved by:

Sr. Manager



Assistant Supervisor



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Tests Conducted (As Requested By The Applicant)

1 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	3	<1#	<1#	<1#	<1#	Type II: ≤30

Remark:

cfu = Colony Forming Unit

≤ = Not More Than

= No Colony Was Detected At The Extraction Liquid Of The Samples.

Sample Received Condition: Sample In Closed Plastic Bag.

Remark: This Test Item Was Conducted In Caipin Road, Guangzhou Science City, GETDD, Guangzhou, Guangdong.

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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)	98.1	99.9	99.4	99.5	99.7	Type II: ≥98

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 cm²
4. Flow rate: 28.3 L/min
5. The average plate count results of the positive controls: 2200 CFU
6. The average plate count results of the negative controls: < 1 CFU
7. CFU = Colony Forming Unit

Remark: This Item Is Not Under The Testing Scope Of CNAS Accreditation.
This Test Item Was Conducted In Caipin Road, Guangzhou Science City, GETDD, Guangzhou, Guangdong.

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Tests Conducted (As Requested By The Applicant)

- 3 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)	32.5	Type II: < 40
Specimen (2)	30.4	
Specimen (3)	35.5	
Specimen (4)	28.1	
Specimen (5)	29.2	
Average	31.1	

Remark : 1. Test was conducted by external provider.
2.This item is not under the testing scope of CNAS accreditation.

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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