





Number: GZHT02293019

Report Ref:	GZHT02293019		
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 I		
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: YX005		

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

Approved by:

Huma

Sr. Manager

Assistant Supervisor (10) 化加热

Page 1 Of 6

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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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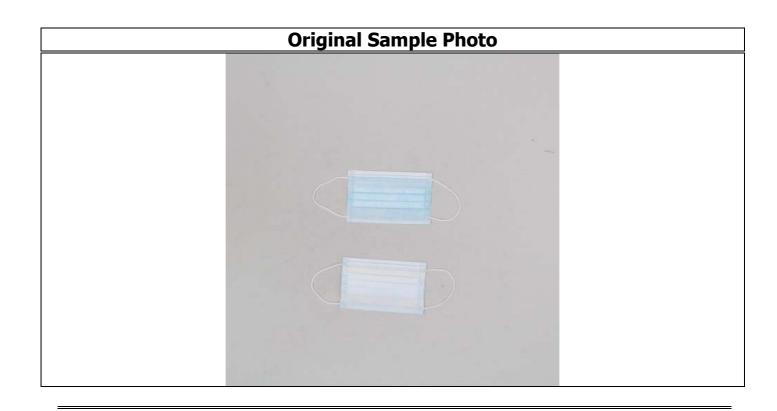
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Approved by:



Sr. Manager





Page 2 Of 6

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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.

Approved by:

Juna

Sr. Manager

Assistant Supervisor (10) (10) (10)

Page 3 Of 6

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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.

<u>Test Item</u>	Result (cfu/g)					<u>Limit</u>
	Specimen (1)	Specimen (2)	Specimen (3)	Specimen (4)	Specimen (5)	(cfu/g)
Microbial cleanliness	13	<1#	<1#	<1#	6	Type I: ≤30

Remark:

cfu = Colony Forming Unit

 \leq = 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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Page 4 Of 6

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Tests Conducted (As Requested By The Applicant)

Bacterial Filtration Efficiency (BFE) 2 As Per EN 14683:2019+AC:2019 Medical face masks – Requirements And Test Methods Annex B.

	Results (%)					<u>Performance</u>
						Requirement for
Test Item						Medical Face
	Specimen (1)	Specimen (2)	Specimen (3)	Specimen (4)	Specimen (5)	<u>Mask</u>
						<u>(%)</u>
Bacterial						
Filtration	99.8	99.8	99.8	99.8	99.7	Type I: ≥95
Efficiency (BFE)						,,

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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Page 5 Of 6







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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.

Tested Sample	Result (Pa/cm ²)	Performance Requirement for Medical Face Mask (Pa/cm²)
Specimen (1) Specimen (2) Specimen (3)	31.6 30.0 33.1	Type I: < 40
Specimen (4) Specimen (5) Average	29.7 27.4 30.4	

Remark: 1. Test was conducted by external provider.

2. This item is not under the testing scope of CNAS accreditation.

End of Report

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Page 6 Of 6

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