- 1. Table of Contents (Page 1)
- 2. Basic Information (Page 2)
- 3. Packaging & Pictures (Page 3)
- 4. FDA Registration (Page 4)
- 5. ASTM Test & Technical Documentation Review Report (Page 5-11)
- 6. ISO Production Standards Report (Refer to other documents)
- 7. Manufacturer Qualification Certificate & Export License (Refer to other documents)

Disposable Medical Face Mask Inherent USA FDA Standard

Brand: Inherent

Type No.: YX001, YX011, YX121

Performance standard: FDA ASTM Level 1/2/3, tested by Intertek

Production standards: ISO 10933-10:2010 & ISO 10993-

5:2009, tested by CCIC

Classifications: Level 1 & Level 2 (Non-Sterile), Level 3 (Sterile),

No latex ingredients

Material: Two-layer PP Nonwoven fabric and One-layer BFE95

or BFE99 Meltblown fabric (3 layers)

Mask specifications: Universal, 17,50 x 9,50 cm

Earloop design: Breathable and comfortable for prolonged

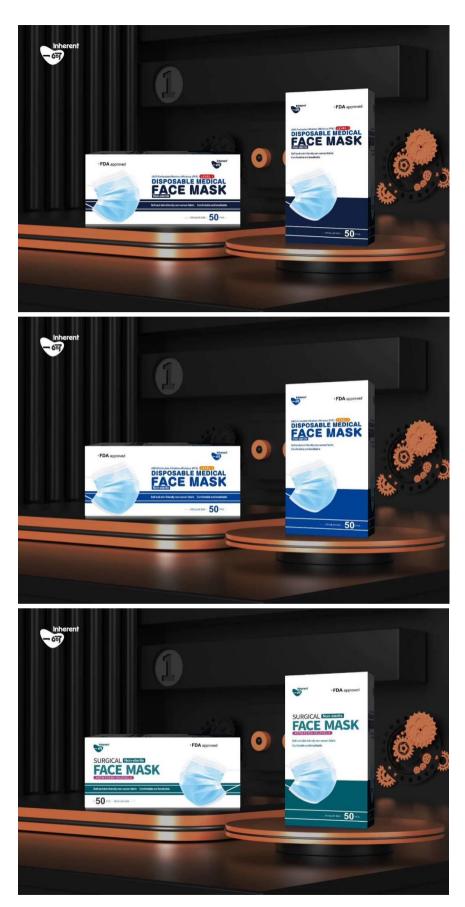
wearing

Date of manufacture: From July 2020

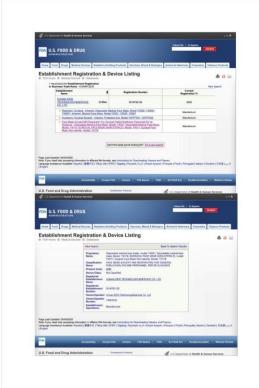
Expiration date: 2 years

Packing specifications: 50 pcs./box, 40 boxes 2000 pcs./carton

Carton measurements: 51.5 x 39 x 35.5 cm, G.W. 9.1 KGS.



Р3





Prepared And Checked By: For Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Lin Lin General Manager

doris / pennytao

intertek

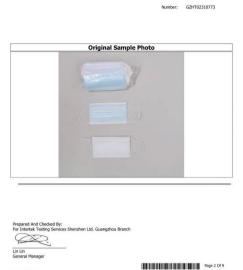
Test Report

Report Ref:	GZHT02310773		
Date Received:	Jul 03, 2020	Date Issued:	Jul 10, 2020
Company Name: Address:	NO.6, NORTH OF P LIUYANG HI-TECH DEVELOPMENT ZO CHINA	INDUSTRIAL	
Contact Name:	Luke Lin		
The Following Campie War	Submitted And Identified	By/On Behalf Of The Applicant	· Ar:
End Uses	: Medical Face Mas		. PG.
Ratings	: Level 2	in .	
Sample Name	: Disposable Medic	al Face Mask	
Size	17.5*9.5cm	ar runse runser	
Colour	Blue&White		
Standard	ASTM F2100-19		
Date received/ Test Sta			
	YX001		

Number: GZHT02310773

Page 1 Of 9

Number: GZHT02310773



doris / pennytao Internet Testing Services Detection 1.14. Guangshou Branch 2012;H 12 J La Guangshou Branch Na 2, Gard Alows 11, D132:D001201 et al. 1997 Na 2, La Carlo Carlos Care

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intertek Test Report

Test Report Tests Conducted (As Requested By The Applicant)

Number: GZHT02310773

Differential Pressure (ASTM F2100-19ⁱ¹, Section 9.2, Testing Refer to EN 14683:2019+AC:2019 Annex C): Air flow: 8 L/min, Test Area Diameter 25 mm, Test Area: 4.9 cm².

Summary of testing:	
With reference to following standard:	

Vertile defense to following standard:
A tell references to following standar

Detrif permyta Eliter M Testing Service 2014 (M. Garaphon Banch Eliter M Service 2014) (M. Garaphon Banch Eliter M Service 2014) (M. Garaphon Banch March March 2014) (M. Garaphon Banch M. Garaphon B

- Asterials Used in The Submitted Samples Were Found To Comply With The Requirements Of Above Standards As Specified in ASTM F2100-19¹⁹ 9.1-9.5.

Speci		Result (mm H ₂ O/cm ²)*						
	imen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5			
Location 1 3	3.2	3.1	3.3	2.9	3.1	Level 2: <6.0		
Location 2 3	3.2	3.3	3.5	3.2	3.3	1 21500 0 2001 0 2002 0		
Location 3 2	2.8	3.2	3.4	3.4	3.1	1		
Location 4 3	3.2	3.3	3.1	3.4	3.2	1		
Location 5 3	3.4	3.1	3.7	2.9	3.5			
Average 3	3.2	3.2	3.4	3.2	3.2	1		



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 Internet Testing Service
 March 1
 M. Guargabou Branch

 2012 H BS: Cardinal Counter 1
 2012 H BS: Cardinal Counter 1
 2012 H BS: Cardinal Counter 1

 Non 02: 144 & Non-01: CHIOSO200 H Counter 1
 2012 H BS: Cardinal Counter 1
 2012 H BS: Cardinal Counter 1

 Non 02: 144 & Non-01: CHIOSO200 H Counter 1
 2012 H BS: Cardinal Counter 1
 2012 H BS: Cardinal Counter 1

 Non-02: 144 & Non-01: CHIOSO200 H BS: Cardinal Counter 1
 2012 H BS: Cardinal Counter 1
 2012 H BS: Cardinal Counter 1

 Non-02: 144 & Non-01: CHIOSO200 H BS: Cardinal Counter 1
 2012 H BS: Cardinal Counter 1
 2012 H BS: Cardinal Counter 1

 Non-02: 144 & Non-01: CHIOSO200 H BS: Cardinal Counter 1
 2012 H BS: Cardinal Counter 1
 413 D BB: Cardinal Counter 1

 Non-02: 144 & Non-01: CHIOSO200 H BS: Cardinal Counter 1
 413 D BB: Cardinal Counter 1
 413 D BB: Cardinal Counter 1
 Page 4 Of 9

Tests Conducted (As Requested By The Applicant)

intertek Test Report

Tests Conducted (As Requested By The Applicant) Number: G2HT02310773

Artificial Blood Volumes: 2 mL, Test P	I2 N/m, Distance Between Blow Head F ressure: 120 mmHg, Velocity: 550 cm/	
Tested Sample/Component	Result	Performance Requirement for Medical Face Mask Pass Pressure at Level 2: 120 mm Hg
Specimen (1)	No penetration	
Specimen (2)	No penetration	
Specimen (3)	No penetration	
Specimen (4)	No penetration	
Specimen (5)	No penetration	
Specimen (6)	No penetration	
Specimen (7)	No penetration	
Specimen (8)	No penetration	
Specimen (9)	No penetration	
Specimen (10)	No penetration	
Specimen (11)	No penetration	
Specimen (12)	No penetration	
Specimen (13)	No penetration	
Specimen (14)	No penetration	
Specimen (15)	No penetration	
Specimen (16)	No penetration	
Specimen (17)	No penetration	
Specimen (18)	No penetration	
Specimen (19)	No penetration	
Specimen (20)	No penetration	
is / pennytao		
		Page 5 Of 9
Intertek Testi	ng Services Strenzmon Ltd. Guangzhou B	Page 5 Of 9 Iranch
Intertek Testi 深圳	F祥质学技术服务布成公司广州分公司	Iranch
Intertek Testi 深圳う Room 02, 1-8F & Room 31, E101520152015401520 1o7-2, Carjan Roos, Guengetou Science City, GTDD.	F祥康学技术機動高校公司广州分公司 16501年7978801. DF Hengyon Belding. Guangene Christophenet & Technicoli	Iranch
Intertek Testi 深圳う Room 02, 1-8F & Room 31, E101-E201-E301-E401-E50 No 7-4, Calson Room Guangatou Science City, GETDO 南岸 の 修道井本井支武等時 朝田震河 今之二朝 1-++#	長祥康学技术機動高校公司广州分公司 15501年24年8月、 Giangaroal Thins Giangaroal Thins Fitzy Joint & Technifegia	iranch 235 Kařís Ave., Guangzhou al Development District, Guangshou, China
Intertek Testi 深圳う Room 02, 1-8F & Room 31, E101520152015401520 1o7-2, Carjan Roos, Guengetou Science City, GTDD.	年齢度 数本酸 素 の に あ の た 能 の は の の の の の の の の の の の の の の の の の	Iranch

Number: GZHT02310773

Specimen (21)	No penetration	
Specimen (22)	No penetration	
Specimen (23)	No penetration	
Specimen (24)	No penetration	
Specimen (25)	No penetration	
Specimen (26)	No penetration	
Specimen (27)	No penetration	
Specimen (28)	No penetration	
Specimen (29)	No penetration	
Specimen (30)	No penetration	
Specimen (31)	No penetration	
Specimen (32)	No penetration	

doris / pennytao Page 6 Of 9

intertek

Test Report			
	Number:	GZHT02310773	
Tests Conducted (As Requested By The Applicant)			

3 Flammability Test (ASTM F2100-19¹¹, Section 9.5, Testing Refer to 16 CFR Part 1610 -2008):

X Plain S	urface		Raised Su	urface	
Burn Dired	tion :	⊠ Len □ Wid			
Prelim Plai	n Surface :				
Length: IB	E				
Width: -					
			iginal* conds)		Requirement Class 1
1.	IBE				
2.	IBE				
3.	DNI				
4.	DNI				
5.	DNI				
6.	-				
7.					
8.					
9.	-				
10.	-				_
Average :	-				
Classificatio	on :	×		mal Flammability	
				ermediate Flammabi	
			Class 3, Rap	pid And Intense Burn	ling
Explanation	n Of Flammabi	lity Res	ults:		
DNI	Did not				
IBE			inguished.		

* The disposable fabrics and garments need not to be refurbished in accordance with 16 CFR Part 1610.35 (a)(2).

	Intertek Testing Re	Chineshood	Ltd. Guangzhou B		age 7 Of
			司广州分公司	ranen	
中国广州秘济技术开发区科1 101, E201, E301, E401, E501	E101月2011E301月4011E501月601 thos Science City, GETDD, Guang 編影頻識 7 号之二章 1-8 景 02 房 E501, E701, E801 48 20 8208 9909 Postcode: 51888	RNRWYRE	Expremic & Technologica 使用广告经济批开发区开	135 Kaifa Ave., Guangzhou al Development District, Guangzhou, 京大道 235 号恒远大厦 3 ଏ ax: +86 20 8222 8169 Postcoda: 510	

intertek Test Report

Number: GZHT02310773 Tests Conducted (As Requested By The Applicant)

Bacterial Filtration Efficiency (BFE) As per ASTM F2100-19⁴⁵ Standard Specification for Performance of Materials Used in Medical Face Masks Section 9.1 and ASTM F2101-19 Standard Text Method for Evaluating the Bacterial Filtration Efficiency (BFE) of Medical Face Mask Materials, Using a Biological Aerosol of Staphylococcus aureus.

Test Item			Results (%)			Performance Requirement for
	Specimen (1)	Specimen (2)	Specimen (3)	Specimen (4)	Specimen (5)	Medical Face Mask (%)
Bacterial Filtration Efficiency (BFE)	>99.9	>99.9	>99.9	>99.9	>99.9	Level 2: ≥ 98

S: Biological Aerosol: Staphylococus aurous (ATCC 6538). Testing side: Outside of the test specimen was facing towards the challenge aerosol. Test area: 78 cm² Flow rate: 28.3 Lymin The average picto count results of the positive controls 2.1×10² CFU The average picto count results of the negative controls 2.1×10² CFU The average picto count results of the negative controls: <1 CFU CFU = Colory Forming Unit.

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Page 8 Of 9

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Number: GZHT02310773 Tests Conducted (As Requested By The Applicant)

5 Sub-Micron Particulate Filtration (ASTM F2100-19⁴¹) Section 9.3, Testing Refer to ASTM F2299/F2299M-17): Particle size in aerosol: 0.1 µm, Aerosol: Polystyrene Latex Spheres (PSL), Test area: 100 cm², Airflow: 5.33 cm/s, Samping time: 1 min. Performance Result (%) Tested

Sample/Component	Kennik (107	Requirement for Medical Face Mask (%)
Specimen (1)	99.4	
Specimen (2)	99.1	Level 2: ≥ 98
Specimen (3)	99.2	
Specimen (4)	99.4	
Specimen (5)	99.3	
Minimum value	99.1	

Remark: The test was performed by an approved third party subcontractor laboratory.

End of Report This report is made protect, on the basis of year instructions and/or information and instrumos supplies by you. It is not interded to be a first instrumos and instrumos

intertek Test Report

Number: GZHT02310751

Page 1 Of 9

Number: GZHT02310751

 Report Ref:
 G2H102310751

 Date Received:
 Jul 03, 2020
 Date Issued:
 Jul 10, 2020
 Date Issued: HUNAN EEXI TECHNOLOGY & SERVICE CO., LTD NO.6, NORTH OF PINISTOU ROL LUUYANG HI-TECH INDUSTRIAL DEVELOPMENT ZONE, HUNAN CHINA Company Name: Address: Contact Name: Luke Lin
 The Following Sample Was Submitted And Lifentified By/On Behalf Of The Applicant Ac: End Uses
 Medical Face Medic

 Find Uses
 Level 3

 Sample Hame
 Surgical Face Medic

 Strate
 Surgical Face Medic

 Star
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 Colour
 Bue6White

 Sandbard
 12 / 05 19rd

 Date received/ Test Start 64 117 12/00 19rd
 Deter received/ Test Start 64 117 12/00 19rd
 Test was conducted on specific items, at our client's request.

 Date:
 Journal
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Prepared And Checked By: For Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

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Lin Lin General Manager doris / pennytao

intertek

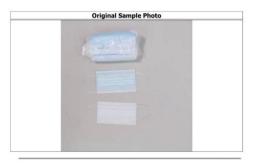
Test Report



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Test Report

Number: GZHT02310751





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For Intertek Testing Services Shenzhen Ltd. Guangzhou Br	anch	
Lin Lin		
General Manager		
		Page 2 Of 9
doris / pennytao		
Intertek Testing Services Shiel 深圳天祥族/技术报告		
Room 02, 1-8/F & Room 01, E101/E201/E301/E401/E501/E601/1 00 74/61, No.7-2, Calpin Road, Guangzhou Science City, GETDD, Guangzhol, Oring 中国广州经济技术开发区科学规能解释,7号之二第1-8册 02 展 101	Hengyun Building, 236 Kaifa Ave., Guangzheu Depennic & Technological Development District, Gua Aug 广州经济获开发区开发大量 235 号恒远大量 3 模	ngzhou, China
E201. E301. E401. E501. E601. E701. E801 Tet +86 20 8213 5001 Fax +86 20 8208 5909 Postcode: \$10663	*85 20 8296 6868 Fax: +86 20 8222 8169 Poster	xie: 510730

Prepared And Checked By:		
For Intertek Testing Services Shenzhen Ltd. Gu	Jangzhou Branch	
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Lin Lin		
General Manager		
		Page 3 Of
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doris / pennytao		
	ervices Shenzhen Ltd. Guangzhou Branch	
	质量技术服务有限公司广州分公司	
Room 02, 1-8/F & Room 01, E101/E201/E301/E401/E501/E60 No.7-2, Caloin Road, Guargzhou Science City, GETDD, Guarg	1/729 (2001, Hengyun Bulkting, 235 Kaifs Ave., Guargahou Gener, Dan Bulkting, 235 Kaifs Ave., Guargahou	
中国广并经济技术开发区科学城彩频路7号之二第1-8里 02月	a second a recinciple control print. Called, das	ingzhou, China
101.	· · · · · · · · · · · · · · · · · · ·	
E201, E301, E401, E501, E601, E701, E801	14: +86 20 8396 6568 Fax: +86 20 8222 8169 Postco	ode: 510730
Tel: +86 20 8213 9001 Fax: +86 20 8208 9909 Postcoda: 5106		

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Tested Sample

Location 5 Average * = All the loc

Test Report

Tests Conducted (As Requested By The Applicant)

Number: GZHT02310751

Performance Requirement for Medical Face Mask (mm H₂O/cm²)

Level 3: <6.0

Tests Conducted (As Requested By The Applicant)

intertek

Test Report

Number: GZHT02310751

Resistance to Penetration by Synthetic Blood (ASTM F2100-19⁴¹, Section 9.4, Testing Refer to ASTM F1820/F18204-171: Synthetic Blood Surface Tension: 0.042 (v/m, Distance Between Blow Head Foret End and Target Area: 300 mm, Artificial Blood Volumes: 2 mJ, Test Pressure: 160 mmHg, Velocity: 655 cm/s, Use a Fixed Target.

Tested Sample/Component	Result	Performance Requirement for Medical Face Mask Pass Pressure at
-		Level 3: 160 mm Hg
Specimen (1)	No penetration	
Specimen (2)	No penetration	
Specimen (3)	No penetration	
Specimen (4)	No penetration	
Specimen (5)	No penetration	
Specimen (6)	No penetration	
Specimen (7)	No penetration	
Specimen (8)	No penetration	
Specimen (9)	No penetration	
Specimen (10)	No penetration	
Specimen (11)	No penetration	
Specimen (12)	No penetration	
Specimen (13)	No penetration	
Specimen (14)	No penetration	
Specimen (15)	No penetration	
Specimen (16)	No penetration	
Specimen (17)	No penetration	
Specimen (18)	No penetration	
Specimen (19)	No penetration	
Specimen (20)	No penetration	
Specimen (21)	No penetration	

	Page 4 Of
Intertek Testing Services Shen	zhen Ltd. Guangzhou Branch
深圳天祥质量技术摄象	
Raon 82, 1-bit & Roon 91, E151/E231/E311/E401/E301/E501/97(8):1, 81-72, Capen Pous Gaungroups Generation (1), Capen 20, 20, 20, 20, 20, 20, 20, 20, 20, 20,	Hengyun Dating 235 Kells Are, Gaargeneu Experimi & Technological Development Diskit, Gaargehea, China Experimi 4年澄澄分支部 形式 道 235 号档式 및 3 8 4 - 48 20 8386 6668 Fac: +66 20 8022 8169 Postbook: 510730

Differential Pressure (ASTM F2100-19^{rl}, Section 9.2, Testing Refer to EN 14683:2019+AC:2019 Annex C): Air flow: B L/min, Test Area Diameter 25 mm, Test Area: 4,9 cm².

 and 2
 Specimen 3
 Specimen 4
 Spec

 3.1
 3.4
 3.4
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 3.4

 2.8
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4 Specimen 5 3.3 3.5 3.4 3.3 3.3 3.3 3.4

Result (mm H;O/cm²)*

ecimen 2 | Speci 2.9 3.0 3.2

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intertek Test Report

Tests Conducted (As Requested By The Applicant)

Number: GZHT02310751

Specimen (22)	No penetration
Specimen (23)	No penetration
Specimen (24)	No penetration
Specimen (25)	No penetration
Specimen (26)	No penetration
Specimen (27)	No penetration
Specimen (28)	No penetration
Specimen (29)	No penetration
Specimen (30)	No penetration
Specimen (31)	No penetration
Specimen (32)	No penetration

doris / pennytao Page 5 Of 9

intertek

Test Report Number: GZHT02310751 Tests Conducted (As Requested By The Applicant)

3 Flammability Test (ASTM F2100-19^{c1}, Section 9.5, Testing Refer to 16 CFR Part 1610 -2008):

X Plain	Surface		Raised Surface	
Burn Dire		Leng		
Prelim Pla	in Surface :			
Length: Il	BE			
Width: -				
			iginal*	Requirement
		(se	conds)	Class 1
1.	IBE			
2.	IBE			
3.	IBE			
4.	DNI			
5.	DNI			
6.				
7.				
8.				
9.				
10.				
Average :				
Classificat	ion :		Class 1. Normal Flammability	
			Class 2, Intermediate Flamm	
			Class 3, Rapid And Intense B	uming
Explanatio	on Of Flammabilit	v Resu	ilts:	
DNI	Did not ic		0.0000	
IBE			nguished.	



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	Page 7 Of 9
Intertek Testing Ser	rvices Shanzhen Ltd. Guangzhou Branch
深圳天祥质	蒙棱木锦务有规公司广州分公司
Roam 02, 1-8年 & Roam 01, E101/E201/E301/E401/E501/E001 No.7-2, Calpin Road, Guangzhou Science City, GETDD, Guanga 在国广州经济技术开发区科学校图频路 7 号 2 二第 1 - 8 臣 02章	hau, Chine Restorement & Technological Development District, Guangzhou, China
101. E201. E301. E401. E501. E601. E701. E801 Tel: +86.20 8213 9001 Fax: +86.20 8208 9909 Pestode: 510860	10日本 10日本 10日本 10日本 10日本 10日本 10日本 10日本

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Fests Conducted (As Requested By The Applicant) Number: GZHT0231075	

intertek Test Report

Number: GZHT02310751 Tests Conducted (As Requested By The Applicant)

4 Bacterial Filtration Efficiency (BFE) As per ASTM F2100.19¹⁴ Standard Specification for Performance of Materials Used in Medical Face Masks Section 9.1 and ASTM F2101.19 Standard Test Method for Evaluating the Bacterial Filtration Efficiency (BFE) of Medical Face Mask Naturials, Using a Biological Aerosol of Staphylococcus aureus.

Test Item			Results (%)			Performance Requirement for
3	Specimen (1)	Specimen (2)	Specimen (3)	Specimen (4)	Specimen (5)	Medical Face Mask (%)
Bacterial Filtration Efficiency (BFE)	>99.9	>99.9	>99.9	>99.9	>99.9	Level 3: ≥ 98

- CF Biological Aerosol: Staphylococcus aureus (ATCC 6538). Testing side: Outside of the test specimen was facing towards the challenge aerosol. Tost area: 78 cm² Flow rate: 28.3 Urnin The average pilot court results of the positive controls: 2.2.10¹ CFU The average pilot court results of the negative controls: < 1 CFU CFU = Clowy Forms Unit. 1. 2. 3. 4. 5. 6. 7.

5 Sub-Micron Particulate Filtration (ASTM F2100-19¹¹, Section 9.3, Testing Refer to ASTM F2299/F2299M-17): Particle size in aerosol: 0.1 µm, Aerosol: Polystyrene Latex Spheres (PSL), Test area: 100 cm², Airflow: 5.33 cm¹/s. Samolino time: 1 min.

Tested Sample/Component	Result (%)	Performance Requirement for Medical Face Mask (%)
Specimen (1)	99.3	Level 3: ≥ 98
Specimen (2)	99.3	
Specimen (3)	99.8	
Specimen (4)	99.6	
Specimen (5)	99.4	
Minimum value	99.3	

Remark: The test was performed by an approved third party subcontractor laboratory.
End of Report This re recom the Cil Intertu as pro Rability gross regret a number of the same of new investments and the formation are numerical applied by pure, it is not method to be method that is every and the same of the the Date in negative of the same of the the same of the the same of the the same of the the same of the same o



intertek Test Report

Number: GZHT02310742



Number: GZHT02310742

intertek

Test Report



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



Prepared And Checked By:	
For Intertek Testing Services Shenzhen Ltd. Gu	angzhou Branch
Lin Lin	
General Manager	
	Page 1 Of 9
doris / pennytao	
	ervices Shenzhen Ltd. Guangzhou Branch 员 发技术服务有效公司广州分公司
Room 02, 1-8F & Room 01, E101后201后301后401/E501后40 No.7-2, Calpin Road, Guangzhou Science City, GETDD, Guang 中国广州经济技术开发区科学城彩频器 7 号之二第 1 ~ 8 票 02 章	the Chine Ch
101. E201. E301. E401. E501. E601. E701. E801 Tel: +85 20 8213 9001 Fax: +88 20 8208 5909 Postcode: 5108	+86 20 8396 6868 Fax: +86 20 8222 8169 Postcode: 510730

Prepared And Checked By: For Intertek Testing Services Shenzhen Ltd. Guangzhou Branch ØZ. Lin Lin General Manager Page 2 Of 9 doris / pennytao trins / permytabe EINER Testing Service Settlemen Lit. Guaragebou Branch 変形見名相互 / Permy Balance Settlemen Lit. Settlemen L

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Test Report

Summary of testing:

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Tests Conducted (As Requested By The Applicant)

Test Report

Intertek Total Quality Assared Test Report

Tests Conducted (As Requested By The Applicant)

Number: GZHT02310742

 Differential Pressure (ASTM F2100-19⁴¹, Section 9.2, Testing Refer to EN 14683:2019+AC:2019 Annex C): Air flow: 8 L/min, Test Area Diameter 25 mm, Test Area: 4.9 cm².

Tested Sample		Res	ult (mm H ₂ O/c	m.)*		Performance Requirement for Medica Face Mask (mm H ₂ O/cm ²)
	Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5	
Location 1	3.5	3.3	3.0	3.3	3.6	
Location 2	3.3	3.4	3.5	3.2	3.1	Level 3: < 6.0
Location 3	3.3	3.3	3.5	3.3	3.1	
Location 4	3.1	3.4	3.3	3.5	3.3	1
Location 5	3.2	3.2	3.4	3.3	3.0	1
Average	3.3	3.3	3.3	3.3	3.2	1

Naterials Used in The Submitted Samples Were For ISTM F2100-19 ^{c1} 9.1-9.5.	und To Comply With The Requirements Of Above Standards As Specified in

With reference to following standard:
 AGT #1200-59¹⁵ Standard SpecTration for Performance of Materials Used in Redical Face Masks Level 3
 AGT #1200-59¹⁵ Standard SpecTration for Performance of Materials Used in Redical Face Masks Level 3
 Add #1200-50¹⁵ Standard Face Masks Level 4
 Add #1200-50¹⁵ Standard Tex Masks Add #1200-50¹⁵
 Add #1200-50

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Specimen (23)	No Penetration
Specimen (24)	No Penetration
Specimen (25)	No Penetration
Specimen (26)	No Penetration
Specimen (27)	No Penetration
Specimen (28)	No Penetration
Specimen (29)	No Penetration
Specimen (30)	No Penetration
Specimen (31)	No Penetration
Specimen (32)	No Penetration

Tested Sample/Component	Result	Performance Requirement for Medical Face Mask Pass Pressure at
		Level 3: 160 mm Hg
Specimen (1)	No Penetration	
Specimen (2)	No Penetration	
Specimen (3)	No Penetration	
Specimen (4)	No Penetration	
Specimen (5)	No Penetration	
Specimen (6)	No Penetration	
Specimen (7)	No Penetration	
Specimen (8)	No Penetration	
Specimen (9)	No Penetration	
Specimen (10)	No Penetration	
Specimen (11)	No Penetration	
Specimen (12)	No Penetration	
Specimen (13)	No Penetration	
Specimen (14)	No Penetration	
Specimen (15)	No Penetration	
Specimen (16)	No Penetration	
Specimen (17)	No Penetration	
Specimen (18)	No Penetration	
Specimen (19)	No Penetration	
Specimen (20)	No Penetration	
Specimen (21)	No Penetration	
Specimen (22)	No Penetration	

 Resistance to Penetration by Synthetic Blood (ASTM F2100-19⁴¹, Section 9.4, Testing Refer to ASTM F1852/F1862M-17);
 Synthetic Blood Surface Tension: 0.042 N/m, Distance Between Blow Head Front End and Target Area: 300 mm, Artificial Blood Volumes 2: mL, Ser Pensue:: 160 mmlkg, Velocity, 635 cm/s, Use a Fixed Target.



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Number: GZHT02310742 Tests Conducted (As Requested By The Applicant)

3 Flammability Test (ASTM F2100-19¹¹, Section 9.5, Testing Refer to 16 CFR Part 1610 -2008):

X Plain Si	urface		Raised Surface	
Burn Direct	ion :	E Len		
Prelim Plain Surface :				
Length: DN	I			
Width: -				
Original* (seconds)				Requirement Class 1
1.	DNI			
2.	DNI			
3.	DNI			
4.	DNI			
5.	DNI			
6.	1.1			
7.	1073			
8.	220			
9.				
10.				
Average :	14			
Classificatio	in :	8	Class 1, Normal Flammability	É
			Class 2, Intermediate Flamm	
			Class 3, Rapid And Intense E	Surning
Explanation	Of Flammab	ility Res	ults:	
DNI		ignite.		

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Bacterial Filtration Efficiency (BFE) As per ASTM F2100-19⁴³ Sandard Specification for Performance of Materials Used in Medical Face Masks Section 9.1 and ASTM F2101-19 Standard Test Method for Evaluating the Bacterial Filtration Efficiency (BFE) of Medical Face Mask Materials, Using a Biological Arevsol of Staphylococcus aureus.

Test Item	Results (%)				Performance Requirement for	
	Specimen (1)	Specimen (2)	Specimen (3)	Specimen (4)	Specimen (5)	Medical Face Mask (%)
Bacterial Filtration Efficiency (BFE)	>99.9	>99.9	>99.9	>99.9	>99.9	Level 3: ≥ 98

St Biological Aerosol: Staphylococcus aurous (ATCC 6518). Testing adic: Outside of the test specimen was facing towards the challenge aerosol. Test area: 78 out Test area: 78 out The average piate count results of the positive controls: 2.1×10² CPU The average piate count results of the negative controls: < 1 CPU CPU = Colony: Tommig Unit.

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5 Sub-Micron Particulate Filtration (ASTM F2100-19¹¹, Section 9.3, Testing Refer to ASTM F2299/F2299M-17): Particle size in aerosol: 0.1 µm, Aerosol: Polystyrene Latex Spheres (PSL), Test area: 100 cm², Airflow: 5.33 cm²/s, Sampling time: 1 min. Result (%) Performan

Tested Sample/Component	Result (%)	Performance Requirement_for Medical Face Mask (%)
Specimen (1)	99.5	Level 3: ≥ 98
Specimen (2)	99.4	
Specimen (3)	99.9	
Specimen (4)	99.9	
Specimen (5)	99.6	
Minimum value	99.4	

Plinnum valve
Remark: The test was performed by an approved third party subcontractor laboratory.
End of Report
End of Report

End of Reg. This report is made solely as the basis of year instructions and/or information and materials supplied by year. It is not instructed to be associated with the second instruction or support of the topols and may except tables to the Client model as a supering instruction in the remut as the resource to the instruction provides of second second may except tables to the Client model as a supering instruction in the remut activity tables to the instruction provides of second approaches for the instruction and cardioms. The second second second second second second second second above the second above the second approaches of the second above the second approaches and cardioms and second approaches and second and second second

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