

Test Report **SL52025258485801TX** **Date: June 13, 2020** **Page 1 of 3**
XIANTAO ZHONGTAI PROTECTIVE PRODUCTS CO., LTD.
3#, TAIZI LAKE INDUSTRY PARK, PENGCHANG TOWN, XIANTAO CITY, HUBEI PROVINCE, CHINA

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : (A)Surgical Face Mask

Style No. : Earloop type

Composition : (A)70% PP Nonwoven+30% Meltblown Nonwoven

Sample Color : (A)blue

Manufacturer : XIANTAO ZHONGTAI PROTECTIVE PRODUCTS CO., LTD.

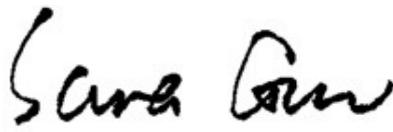
Sample Receiving Date : May 26, 2020

Testing Period : May 25, 2020 - Jun 13, 2020

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Test Performed : Selected test(s) as requested by applicant

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd Testing Center



Sara Guo (Account Executive)



Dongjing Liu (Authorized Signatory)



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Test Result

Medical Face Masks-Requirements and Test Methods

(EN 14683:2019+AC:2019)

Clause 5.2.2 Bacterial filtration efficiency (BFE)*

(EN 14683:2019+AC:2019 Annex B)

Sample: A

	1#	2#	3#	4#	5#
(BFE), %	99.8	>99.9	99.9	99.9	99.9

Remark: Performance Requirement: Type I ≥95%, Type II ≥98%, Type IIR ≥98%

* This test standard is not within the accredited scope in SGS Shanghai testing centre, it is carried out by external laboratory accredited by CMA (China Metrology Accreditation).

Clause 5.2.3 Breathability (Differential Pressure)

(EN 14683 :2019+AC Annex C, Flow rate 8 l/min)

	1#	2#	3#	4#	5#
Differential pressure ΔP (Pa/cm ²)	44	45	42	45	45

Remark: Performance Requirement: Type I <40 Pa/cm², Type II <40 Pa/cm², Type IIR <60 Pa/cm²

Clause 5.2.4 Splash Resistance

(ISO 22609 :2004, Pressure 16.0 kPa)

Penetration on inside surface							
1#	2#	3#	4#	5#	6#	7#	8#
Pass	Pass	Pass	Fail	Pass	Pass	Pass	Pass
9#	10#	11#	12#	13#	14#	15#	16#
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
17#	18#	19#	20#	21#	22#	23#	24#
Pass	Pass	Pass	Pass	Pass	Fail	Pass	Pass
25#	26#	27#	28#	29#	30#	31#	32#
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Number of Pass:			30				
Overall result:			Acceptable				

Remark:

- 1) Performance Requirement Type I: N/A, Type II: N/A, Type IIR: ≥16.0kPa
- 2) Distance of the medical face mask target area surface to the tip of cannula is 300±10mm.
- 3) Condition and Test temperature (21±5)° C, relative humidity (85±10)%
- 4) An acceptable quality limit of 4.0% is met for a single sampling plan when 29 or more of the 32 tested specimens show pass results

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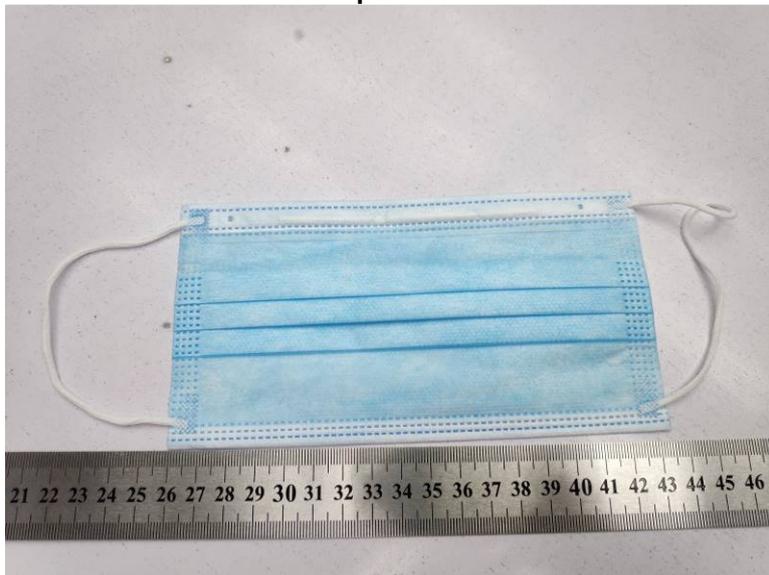
Clause 5.2.5 Microbial Cleanliness

(EN 14683:2019+AC:2019 Annex D and EN ISO 11737-1:2018)

	1#	2#	3#	4#	5#
CFU/g	1	2	1	1	<1

Remark: Performance Requirement: Type I ≤ 30 CFU/g, Type II ≤ 30 CFU/g, Type IIR ≤ 30 CFU/g

Sample Photo



The statement of conformity in this test report is only based on measured values by the laboratory and does not take their uncertainties into consideration.

End of Report



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