

**Test Report**                      **SL52025258782301TX**                      **Date: June 17, 2020**                      **Page 1 of 3**  
 CHANGZHOU WASTON MEDICAL APPLIANCE CO., LTD.  
 NO.5 LONGXIANG ROAD, NANXIASHU SUBDISTRICT, WUJIN NATIONAL HI-TECH INDUSTRIAL  
 ZONE, 213164 CHANGZHOU, PEOPLE'S REPUBLIC OF CHINA

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

Sample Description                      :    (A) Disposable Medical Face Mask  
 Style No.                                    :    G-175mm X 95mm  
 Composition                                :    (A) Non-woven fabric, Meltblown fabric  
 Sample Color                                :    (A) Blue  
 Manufacturer                                :    CHANGZHOU WASTON MEDICAL APPLIANCE CO., LTD.  
 Supplier                                      :    CHANGZHOU WASTON MEDICAL APPLIANCE CO., LTD.

Sample Receiving Date                    :    May 27, 2020  
 Testing Period                                :    May 27, 2020 - Jun 17, 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 / Hailian Xuan (Authorized Signatory)



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 Testing Center for Standards Technical Services (Shanghai) Co., Ltd.    中国·上海·徐汇区宜山路889号3号楼    邮编: 200233    t (86-21) 61402666    f (86-21) 64958763    e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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), %	99.9	99.8	99.7	99.9	99.9

Remark: Performance Requirement: Type I  $\geq 95\%$ , Type II  $\geq 98\%$ , Type IIR  $\geq 98\%$

**Clause 5.2.3 Breathability (Differential Pressure)**  
(EN 14683 :2019+AC:2019 Annex C, Flow rate 8 l/min)

	1#	2#	3#	4#	5#
Differential pressure $\Delta P$ (Pa/cm <sup>2</sup> )	38	36	34	35	36

Remark: Performance Requirement: Type I < 40 Pa/cm<sup>2</sup>, Type II < 40 Pa/cm<sup>2</sup>, Type IIR < 60 Pa/cm<sup>2</sup>

**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	Pass	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	Pass	Pass	Pass
25#	26#	27#	28#	29#	30#	31#	32#
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Number of Pass:			32				
Overall result:			Acceptable				

Remark:

- 1) Performance Requirement Type I: N/A, Type II: N/A, Type IIR:  $\geq 16.0\text{kPa}$
- 2) Distance of the medical face mask target area surface to the tip of cannula is  $300 \pm 10\text{mm}$ .
- 3) Condition and Test temperature  $(21 \pm 5)^\circ\text{C}$ , relative humidity  $(85 \pm 10)\%$
- 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



**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	<1	<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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