

Test Report

SL52035261793301TX

Date: July 10, 2020

Page 1 of 4

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

Sample Description : (A) Disposable face mask

SGS Internal Ref No. : QDHL2006006091MD

Style No. : TB01/20318

Sample Color : (A) Blue

Manufacturer :

Roll/ Lot No. : 20318

Proposed Care Instruction : -

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

Sample Receiving Date : Jun 29, 2020

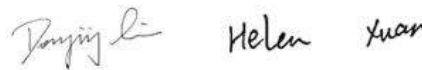
Testing Period : Jun 29, 2020 - Jul 10, 2020

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).

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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t (86-21) 61402666 f (86-21) 64958763  
t (86-21) 61402666 f (86-21) 64958763

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Test Result

**EN 14683:2019+AC:2019 Medical Face Masks-Requirements and Test Methods**

**Clause 5.2 Performance Requirement**

**Clause 5.2.2 Bacterial filtration efficiency (BFE)**

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

Sample: A

Conditioning Parameters : Minimum of 4 hours at 21±5°C and 85±5% R.H.  
 Dimensions of test specimen : ~172mm x 160mm  
 Test Area : ~60 cm<sup>2</sup>  
 Test Side : Inside  
 Flow Rate : 28.3 l/min  
 Positive Control Average : 2567 CFU  
 Negative Monitor Count : < 1 CFU

	1#	2#	3#	4#	5#
(BFE), %	99.9	99.6	99.6	99.4	99.6

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



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**Clause 5.2.3 Breathability**

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

Sample: A

Test Side : Randomly test in different location (1 around and 4 away from the centric point) on each of the 5 masks

Pre-Conditioning : Minimum of 4 hours at 21±5°C and 85±5% R.H.

Test Area : 4.9 cm<sup>2</sup>

Flow Rate : 8 l/min

Specimen No.	Test Area No.	Different Pressure for each tested area (Pa/cm <sup>2</sup> )	The average value for each test specimen (Pa/cm <sup>2</sup> )
1	1-1	33.5	33
	1-2	32.0	
	1-3	31.1	
	1-4	39.1	
	1-5	30.7	
2	2-1	35.2	33
	2-2	32.4	
	2-3	32.3	
	2-4	34.3	
	2-5	32.8	
3	3-1	33.2	31
	3-2	28.5	
	3-3	27.7	
	3-4	31.4	
	3-5	33.5	
4	4-1	35.9	35
	4-2	33.3	
	4-3	33.7	
	4-4	35.8	
	4-5	34.9	
5	5-1	35.5	34
	5-2	30.9	
	5-3	35.6	
	5-4	33.6	
	5-5	33.6	

**Remark:**

- 1) 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>
- 2) The number of specimens that shall be tested is minimum 5, but can be greater and shall be increased if necessary to allow for an AQL(Acceptable Quality Level) of 4%.



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**Clause 5.2.5 Microbial Cleanliness**

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

Sample Number	Mask Weight(g)	Total Bioburden, (cfu/mask)	Total Bioburden, (cfu/g)
1#	3.12	48	15.38
2#	3.11	57	18.33
3#	3.14	30	9.55
4#	3.15	42	13.33
5#	3.11	90	28.94

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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