



Test Result

**Medical Face Masks-Requirements and Test Methods**

(EN 14683:2019)

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

	1#	2#	3#	4#	5#
(BFE), %	99.4	99.3	99.4	99.4	99.3

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

\*\***: The test was carried out by external laboratory assessed as competent**

@: This test method is not in CNAS accredited scope

**Clause 5.2.3 Breathability**

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

Sample: A

	1#	2#	3#	4#	5#
Differential pressure ΔP (Pa/cm <sup>2</sup> )	26.3	24.8	27.5	28.4	24.5

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)

Sample: A

**Penetration on inside surface**

1#	2#	3#	4#	5#	6#	7#	8#
Pass							
9#	10#	11#	12#	13#	14#	15#	16#
Pass							
17#	18#	19#	20#	21#	22#	23#	24#
Pass							
25#	26#	27#	28#	29#	30#	31#	32#
Pass							

Number of Pass: 32  
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 Annex D)

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

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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