



Mask Testing Services
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ANALYTICAL REPORT ID 20-PPE-00118
 PRODUCT ID 20200820-01-04-0800
 DESCRIPTION Blue; 3-ply
 MATERIAL SMS
 MANUFACTURER Breathe Medical Manufacturing Ltd.
 LOT IDENTIFICATION 20200820-01-04-0800
 DATE RECEIVED 24-Aug-2020
 REPORT DATE 28-Aug-2020

MEDICAL MASK TEST SUMMARY

ASTM 2100: Standard Specification for Performance of Materials used in Medical Face Masks

Test Method	AVERAGED RESULT	Not Rated	ASTM F2100		
			Level 1	Level 2	Level 3
Flammability 16 CFR 1610	Class 1	Class 3	Class 1		
Particulate Filtration Efficiency ASTM F2299	99.37	< 95%	≥ 95%	≥ 98%	
Differential Pressure EN 14683 Annex C	3.39	≥ 6.0 mm H ₂ O/cm ²	< 5.0 mm H ₂ O/cm ²	< 6.0 mm H ₂ O/cm ²	
Bacterial Filtration Efficiency ASTM F 2101	99.61	< 95%	≥ 95%	≥ 98%	
Fluid Resistance to Synthetic Blood ASTM F1862	120 mmHg	Failure at 80 mmHg	80 mmHg	120 mmHg	160 mmHg

Highlighted box indicates the performance level of the mask for the given test.

The samples tested meet the acceptance criteria for **ASTM F2100 performance LEVEL 2**

Test results only apply to the samples submitted and tested for analysis. For individual mask results, please see the Analytical Test Report. It is the responsibility of the distributor to ensure the tested batch is compliant to the required sampling methodology as per ANSI/ASQ Z1.4. Additional test information is available upon request.

Reviewed By:

Approved By: