

APAVE SUDEUROPE SAS CENTRE D'ESSAIS ET DE CERTIFICATION

17 boulevard Paul Langevin 38600 FONTAINE - France Tel: +334 76 53 52 22

STATEMENT

To whom it may concern,

This is to state that : the 60 samples from Guangdong Kangju Medicine Science Co., Ltd have been received and now are open for testing and certification of PPE #2 (EN 149 Filtering half mask to protect against particles. The job No. is 33317037.1.

The formal contract is signed and approved.

Centre d'Essais et de Certification / Testing and Certification Center Tél:0033 4 76 53 52 22



APAVE SUDEUROPE SAS

17, boulevard Paul Langevin 38600 FONTAINE (France)

Support you on EU certification according to PPE Regulation 2016/425





6991 Millcreek Drive, Unit 13 Mississauga, Ontario L5N 6B9 Tel: (905) 812-3856 Fax: (905) 812-3866 www.cambridgematerials.com

838561-20

Report For: 11713531 Canada Inc.

4097 Summit Court Mississauga, Ontario L5L 3C2

Phone: 647-631-7295 Email: ca11713531@gmail.com

Attention: Chengying Yao #1: Medical Masks Specimen:

Laboratory #:

Report Date: June 24, 2020 Received Date: June 17, 2020

TEST REPORT

One specimen, consisting of Medical Masks, was submitted to be tested for synthetic blood penetration differential pressure and flame spread to determine acceptability with level 1 barrier classification under ASTM =2100-19 requirements.

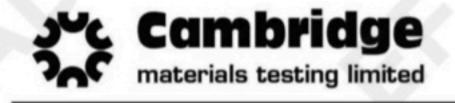
Note: This report contains ONLY results for 3 of the five requirements as per ASTM F2100-19. Unless all the tests are performed, final overall performance level cannot be achieved for the submitted medical mask.

Medical Face Mask Material Requirements

Characteristic	Level 1 Barrier	Level 2 Barrier	Level 3 Barrier	Summary Results
Bacterial Filtration Efficiency, %	≥95	≥98	≥98	Not performed
Differential Pressure, mm H ₂ O/cm ²	<5.0	<6.0	<6.0	Pass any Level
Sub-Micron Particulate Filtration Efficiency at 0.1 micron, %	≥95	≥98	≥98	Not performed
Synthetic Blood Penetration minimum pressure in mmHg for pass result	80	120	160	Pass Level1
Flame Spread	Class 1	Class 1	Class 1	Pass any Level
OVERALL PERFORMANCE LEVEL	Incomplete			

re retained 6 months, test reports and test data are retained 7 years from date of final test report and then disposed of, unless instructed otherwise in writi When making a statement of conformity to a specification or standard the will make the statement of conformity based on the absolute value of the result. Test Report Template Sevision August 20, 2019

Page 1 of 4 Cambridge Materials Testing Limited **Authorized By Stephen Brown** Anomaria lojás Pineda



6991 Millcreek Drive, U Mississauga, Ontario L5 Tel: (905) 812-3856 Fax: (905) 812 www.cambridgematerial

Laboratory # 838

11713531 Cana

DIFFERENTIAL PRESSURE

EN 14683:2019 edition Annex C

Each specimen was conditioned for 4 hours minimum at 21+/-5 C and 85+/-5 % R.H.

Requirements ASTM F2100-19: Differential Pressure (mmH₂O/cm²) Level 1 Barrier: <5.0 Level 2 Barrier: <6.0 Level 3 Barrier: <6.0

RESULTS

Specimen#	Differential Pressure (mm H ₂ O/cm ²)	Specimen (Pass/Fail)	FINAL RESULT
1-1	3.5	Pass	
1-2	2.7	Pass	1
1-3	3.9	Pass	DACC for ANY LEVEL
1-4	3.8	Pass	PASS for ANY LEVEL
1-5	3.6	Pass	
Average	3.5		

Mask Surface Area: 25mm diameter (x5 test areas) (4.9 cm²)

Air Flow Rate: 8 L/min

Mask Location Specimen taken from: Each specimen from middle of the mask (X 5 specimens).

Note: For a test plan of 5 specimens, no failure is allowed for an Acceptable Quality Limit of 4.0%.



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Technician, Anamaria Rojas-Pineda

Laboratory # 838561-20 11713531 Canada Inc.

SYNTHETIC BLOOD PENETRATION

ASTM F1862/F1862M-17 at 80 mmHg pressure

RESULTS

Specimen #	Test Pressure (mmHg)	Total Number of Specimens	Number of Pass Specimens	FINAL RESULT
1	80	32	31	Pass for Level 1

Note: Acceptable Quality Limit of 4.0% is met for single sampling plan when 29 or more of the 32 tested specimens show pass results.

FLAME SPREAD

Test:

The specimen, consisting of 6 masks, was tested in accordance to 16 CFR 1610 (1-1-16 Edition).

	Specimen #	RESULT	CONCLUSION
AC A	1-1	IBE	
Specimen	1-2	IBE	Classified as Class 4
#1 1-3 IBE 1-4 IBE 1-5 IBE	IBE	Classified as Class 1	
	1-4	IBE	PASS for ANY LEVEL
	1-5	IBE	

IBE: Ignited but extinguished

Flame Resistance 45' angle test. One-Second Flame Impingement.

Type of fabric: Without a raised fiber surface Surface tested:

Face Original State Type of test: Direction tested: Length

Specimens conditioned at 105°C for 30 min, then placed in desiccator **Testing Conditioning:** Requirements:

The flame spread time for textile products without a raised fibre surface must be

greater than 3.5 seconds.

Note: For a test plan of 5 specimens, no failure is allowed for an Acceptable Quality Limit of 4.0%

Note: Original State - Class 1