




CERTIFICATE OF TESTING

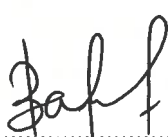
Reference No.	03-14B/02/2020/46/01-1
Client Company	Durio PPE Sdn Bhd
Client Company Address	16, Jalan Temenggong, 81100 Johor Bahru, Johor.
Test Item	Filtering Face Piece (FFP)
Brand/Model	Durio 901 3D Foldable Protective Face Mask
Lot/Batch/Production No.	-
Quantity	24
Date of Sample(s) Received	17 th September 2020
Date (s) of Testing	18 th September – 8 th October 2020
Test Specification	See page 2
Testing Laboratory	Dust Mask Laboratory (DML), NIOSH Malaysia

PREPARED BY

(
Haalah binti Mahmud)

DATE : 13/10/2020

APPROVED BY

(
Baderin bin Osman)

DATE : 13/10/2020

BADERIN BIN OSMAN
TECHNICAL EXPERT (TIII)
CONSULTATION, RESEARCH & DEVELOPMENT DEPARTMENT
NIOSH



Test Method

MS 2323:2010 / EN 149:2001 Respiratory Protective Devices – Filtering Half Masks to Protect Against Particles – Requirements Testing, Marking		
Testing	Result	Remark
Penetration	Pass	
Breathing Resistance	Pass	
Carbon Dioxide	Pass	

Samples

No.	Brand	Model	Quantity
1.	Durio	901 3D Foldable Protective Face Mask	24



Results

Penetration

Sample	Results (%)	Pass/Fail
PT1	2.43	Supplementary Information: 1, Each samples are tested with 0.3-micron sodium chloride aerosol at 95 l/min by using TSI High Flow Automated Filter Tester 8130 2, Maximum penetration reading: <6%
PT2	3.22	
PT3	3.25	
PT4	3.42	
PT5	2.88	
PT6	2.52	
PT7	3.02	
PT8	2.95	
PT9	2.79	
PT10	2.86	
PT11	2.66	
PT12	3.22	



Breathing Resistance

Sample	Inhalation		Exhalation (Flow = 160 l/m)				
	30 l/m	95 l/m	Forward	Up	Down	Left Up	Right up
	Max: 0.7 mbar	Max: 2.4 mbar	Max: 3.0 mbar				
BRV1	0.07	0.78	1.80	1.74	1.84	1.85	1.74
BRV2	0.09	0.76	1.73	1.73	1.73	1.77	1.73
BRV3	0.09	1.64	1.77	1.73	1.77	1.80	1.73
BRV4	0.10	0.66	1.77	1.78	1.85	1.81	1.77
BRV5	0.10	0.64	1.81	1.73	1.83	1.77	1.76
BRV6	0.07	0.70	1.68	1.71	1.73	1.73	1.68
BRV7	0.06	0.55	1.81	1.79	1.83	1.81	1.81
BRV8	0.07	0.61	1.84	1.85	1.96	1.86	1.85
BRV9	0.05	0.73	1.65	1.63	1.75	1.70	1.72



Carbon Dioxide Content

Sample	The carbon dioxide content of the inhalation air (%)	Remark
CO1	0.60	Supplementary Information: 1, Each samples are supplied with 5.0% of carbon dioxide for 2 minutes 2, Maximum carbon dioxide content inside the mask: <1.0%
CO2	0.68	
CO3	0.71	

Disclaimer

1. The laboratory does not provide statement of conformity in the certificate of testing.
2. The data obtained in this report are based on the evaluated samples ONLY and may not be applicable to other stockpiles.

-END OF REPORT-