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## Testing Report of Particle Filtration Efficiency (PFE)

Testing Date: 15 July 2020

Sample Name:	Durio 501 Adult 3 Ply Disposable Protective Face Mask
Testing Standard:	42 CFR 84
Testing Aerosol:	NaCl
Mass Mean Diameter:	0.3 $\mu\text{m}$
Count Median Diameter:	0.075 $\mu\text{m} \pm 0.02$

### Testing Condition

Temperature:	25 $^{\circ}\text{c}$
Relative Humidity:	50%
Challenge Flow Rate:	32L / min

### Testing Result

Particle Size	Upper Particle Counts	Lower Particle Counts	Filtration Efficiency (%)	Penetration Rate (%)	Air Flow Resistance (Pa)
0.3 $\mu\text{m}$	112581	3304	97.065	2.935	14.5

Tested By:

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(Mr. Tan Chu Guan)

Quality Assurance Executive

Reviewed & Verified By:

(Mr. Kong Kian Hao)

Quality Assurance Manager



This Test Report is prepared according to our standard testing requirements and based solely on the samples submitted by requestor. We have made every reasonable effort to ensure the accuracy and reliability of the information provided herein. However, we shall not be deemed to have warranted or guaranteed the accuracy and reliability of the results contained in the Test Report under whatsoever circumstances. Neither shall we be liable and responsible for any loss or damage of whatever nature (direct, indirect, incidental, economical, punitive and consequential) caused or alleged to be caused by or in connection with and arising out of the use of or reliance on this Test Report.