

Date : 14 September 2021  
 Our Ref : ACL/MIS-OTH 210753  
 Company : **ADPHOCAT SDN BHD**  
 14, Jalan Bertam 5  
 Taman Daya  
 81100 Johor Bahru  
 Johor Darul Ta'zim, Malaysia  
 Date sample received : 30 August 2021  
 Sample description : Received one (1) sample said to be mask marked as Face Mask Coated with Adphocat99  
 Test method : AATCC100-2019  
 Methodology : Bacteria inoculum, standardized to between 0.5 - 1.0 McFarland and diluted 1000-fold, was introduced onto sample swatches. These were exposed to indoor light source for a predetermined length of time before bacteria population is enumerated

## Results of Analysis

Bacteria strain	Reduction percentage at contact interval			
	10 minute	20 minute	30 minute	45 minute
<i>Klebsiella pneumoniae</i> ATCC 4352	> 99.99	> 99.99	> 99.99	> 99.99
<i>Staphylococcus aureus</i> ATCC 6537	99.87	99.74	99.87	> 99.99

Summary: The test fabric showed an overall reduction of >99% when tested against *K. pneumoniae* and *S. aureus* according to the duration stated above

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