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Our Ref : ACL/MIS-OTH 220305A

Company : **ADPHOCAT SDN BHD**  
14, Jalan Bertam 5  
Taman Daya  
81100 Johor Bahru  
Johor Darul Ta'zim, Malaysia

Date sample received : 11 April 2022

Sample description : Received one (1) sample said to be SPC coated with Adphocat 99


Test method : BS ISO 17094:2014

Methodology : Bacteria inoculum was introduced onto the composite material and covered with glass cover slips. The samples were exposed to indoor light source (2700K, 3000lx) for a predetermined length of time before bacteria population is enumerated

### Results of Analysis

Bacteria Count	Unit	Contact interval (minutes)		Reduction (%)
		0	60	
<i>Escherichia coli</i> ATCC 8739	cfu/piece	$5.03 \times 10^6$	$2.73 \times 10^4$	99.45
<i>Staphylococcus aureus</i> ATCC 6538	cfu/piece	$1.63 \times 10^5$	<10	>99.99

*Summary: The solid polymer composite showed an overall reduction of 99.45% when tested against E. coli and >99.99% when tested against S. aureus with a 60 minutes contact time.*

  
**JULIAN CHIN HOCK CHYE**  
 MSc in Microbiology  
 Microbiologist  
 Registered Food Analyst: MJMM 1006

**Allied Chemists Laboratory Sdn Bhd** 199801006433 (462560-M)

1, Jalan Gemilang 7,  
Taman Perindustrian Cemerlang,  
81800 Johor Bahru,  
Johor, MALAYSIA.

T +607-288 2088  
F +607-  
E [aclsb@alliedchemists.com.my](mailto:aclsb@alliedchemists.com.my)  
W [www.alliedchemists.com.my](http://www.alliedchemists.com.my)

