

Certificate of Analysis

Lab Ref No.: **AL2008-B66097**

SN: **RS5192650521011766**

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CARBON MASKS ENTERPRISE

Date of Issue: 2020-08-19
 Date of Received: 2020-08-13
 Date of Completion: 2020-08-19

Sample Marking: Reusable Carbon Face Mask with Nonwoven Filter
 Sample Description: One face mask sample

Challenge Flow Rate: 28.3 L/min
 Challenge Level: 4.8×10^5 cfu
 Mean Particle Size: ~ 3.0 um
 Positive Control: 2428 cfu

Total CFU recovered	Bacterial Filtration Efficiency, %
119	95.1

Remark: The specification refer to standard specification for performance of materials used in medical face masks ASTM F2100-19

Test Description	Unit	Result(s)	Spec	Method or Equipment Used
Bacterial Filtration Efficiency (BFE)*	%	95.1	> 95	ASTM F2101-19

– END OF REPORT –

This Test Report is prepared according to our standard testing requirements and based solely on the samples submitted by you. 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.

