



# APEX TESTING AND RESEARCH LABORATORY

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ISO 9001:2015 | ISO 14001:2015  
ISO 45001:2018 Certified | Govt. Approved Lab

## TEST REPORT

Issued To : M/s. Gallery of Patches Impex Pvt. Ltd.  
: 37/2/8, Site-IV, Industrial Area, Sahibabad  
: Ghaziabad, U.P.-201010

Report /Sample No. : AS1720200607001  
Date Of Receipt : 06.07.2020  
Date of Issue : 08.07.2020  
Test Started On : 06.07.2020  
Test Completed on : 08.07.2020  
Sample Quantity : 10 pcs.  
Sample Pkg. : N.S  
Best Before Date : N.S  
Any Other Information : N.S

Nature of the Sample : Mask  
Customer Ref. No : N.S  
Brand Name : N.S  
Sample Drawn By : Party  
Batch No. : N.S  
Mfg. Date : N.S

Sr. No	Test Parameters	Unit	Test Result	Specification as per ASTM F-2100-11 & EN:14683:2014	Test Method
1.	Bacterial Filtration Efficiency	%	99.99	≥98	IS:16288:2014

**Summary:** The BFE test is performed to determine the filtration efficiency of test article compared to the bacterial counts. A suspension of Staphylococcus aureus NCIM2127 was aerosolized onto the test article at a constant flow rate. The challenged delivery is maintained at  $3.4-4.2 \times 10^4$  colony forming units with mean particle size of  $3.0 \mu\text{m} \pm 0.3 \mu\text{m}$ . The procedure shows reproducible bacterial challenge to be delivered to the test materials.

S. No	Test Parameter	Unit of measurement	Result	Specification as per party	Test Method
a)	Layer 1	$\text{g}/\text{m}^2$	106.38	Cotton Fabric, 110±5%	By measurement
b)	Layer 2	$\text{g}/\text{m}^2$	24.07	Meltblown, 25±5%	By measurement
c)	Layer 3	$\text{g}/\text{m}^2$	24.07	Meltblown, 25±5%	By measurement
d)	Layer 4	$\text{g}/\text{m}^2$	31.29	Spunbond, 30±5%	By measurement
e)	Layer 5	$\text{g}/\text{m}^2$	31.05	Spunbond, 30±5%	By measurement
f)	Layer 6	$\text{g}/\text{m}^2$	111.11	Cotton Fabric, 110±5%	By measurement

**Note-**The above report is concerned only to the samples submitted by the customer to Apex Testing and Research Laboratory. These results may not be indicative of the results of bulk lot. It is the duty of the supplier/Customer to maintain the traceability between the sample submitted for testing and the bulk lot supplied.

This report is generated to let the customer know about the quality of their product and to help them improve their product's quality.



**\*\*End of Report\*\***

**Terms & Conditions :** 1 Test reports are valid only for the samples tested in our laboratory. 2. Samples will be destroyed after 30 days from the date of issue of test reports unless otherwise specified. 3. Samples tested are Non-Returnable until specified at time of sample submission. 4. This report will not be valid for judicial purpose or for advertisement. 5. Any complaints about this report should be communicated in writing within 7 days of issue of this report. 6. Total liability of our laboratory is limited to invoiced amount.  
**THIS REPORT IS NOT VALID WITHOUT HOLOGRAM**