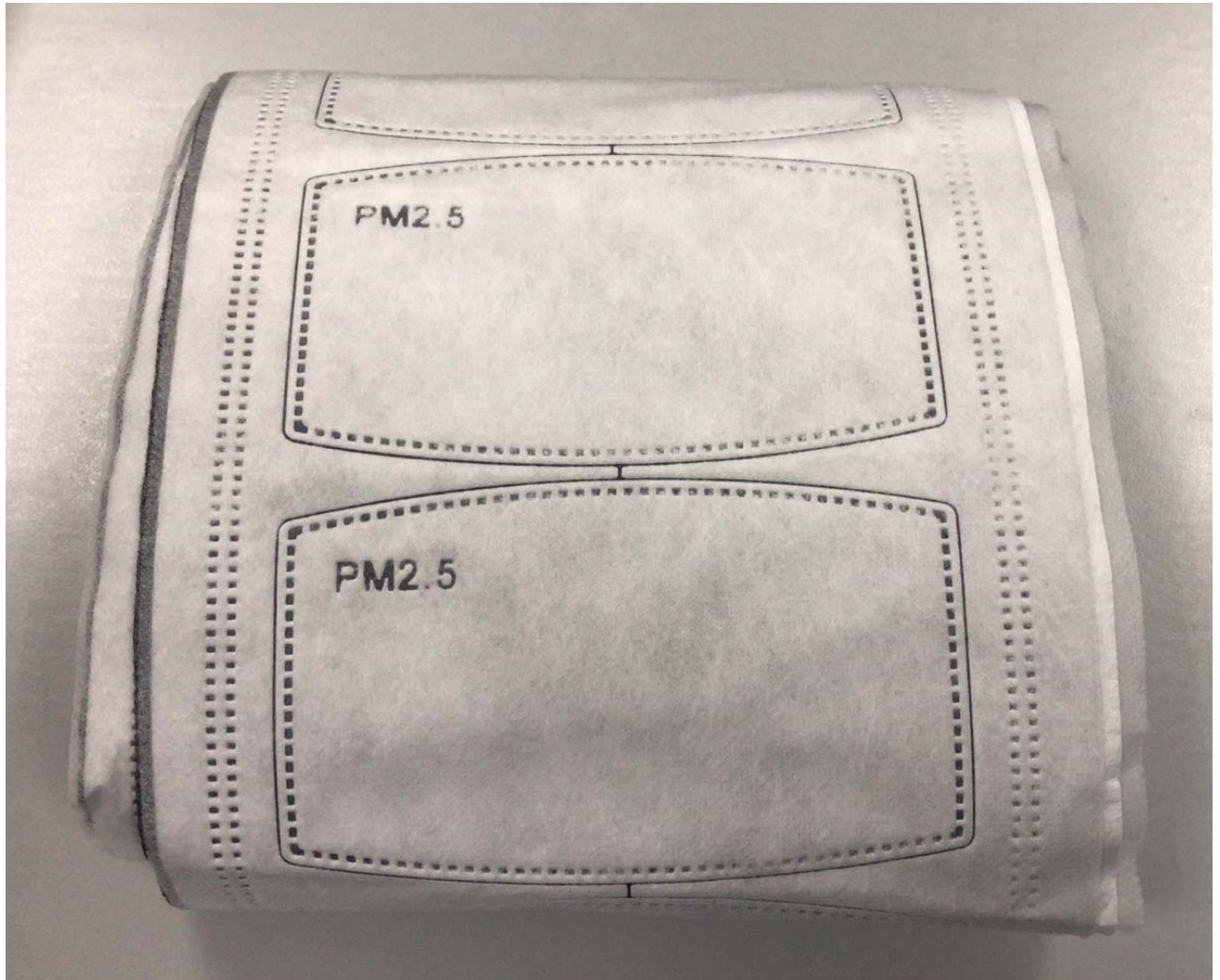


REPORT NUMBER:

SHAT06716798-S1



TEST REPORT

Number : SHAT06716798-S1

Applicant : MANROOF GMBH
MATTENGASSE 7, 8005
ZURICH, SWITZERLAND

Date : Nov 30, 2020
THIS IS TO SUPERSEDE REPORT
NO. SHAT06716798 DATED NOV
25, 2020

Attn : J.VON MANDACH

Sample Description As Declared :

Sample Name : Non-woven Filter
Material : -
Claimed Type : Type II
Model(s) : -
Style No. : -
Colour : White
Standard : EN 14683:2019 + AC:2019 Medical face masks – Requirements and test methods
Test Performed : Selected test(s) as requested by applicant
Buyer's Name : Manroof GmbH
Manufacturer's Name : -
Ref. : Filter PM 2.5
Non-woven, melt blown cloth, activated carbon
Date Sample Received : Nov, 16. 2020
Date Testing Started : Nov, 16. 2020

Prepared And Checked By:
For Intertek Testing Services Ltd., Shanghai



Lois Lu
Senior Engineer

TEST REPORT

Number : SHAT06716798-S1

Tests Conducted (As Requested By The Applicant)

1 Bacterial Filtration Efficiency (EN 14683:2019+AC:2019, Section 5.2.2, Testing Refer To Annex B):

<u>Test Item</u>	<u>Results (%)</u>					<u>Performance Requirement for Medical Face Mask (%)</u>
	Specimen (1)	Specimen (2)	Specimen (3)	Specimen (4)	Specimen (5)	
Bacterial Filtration Efficiency (BFE)	>99.99	>99.99	>99.99	>99.99	>99.99	Type II: ≥ 98%

Remark : 1. Biological Aerosol: *Staphylococcus aureus* (ATCC 6538).
 2. Test area: 49 cm²
 3. Flow rate: 28.3 L/min
 4. The average plate count results of the positive controls: 2082 CFU
 5. The average plate count results of the negative controls: < 1 CFU
 6. CFU = Colony Forming Unit

Remark : Test item is subcontracted.

End of Report

This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct.

This report shall not be reproduced except in full, without written approval of the laboratory.

To : MANROOF GMBH
Attention : J.VON MANDACH

Date : Nov 30, 2020

Re : Report Revision Notification

Labtest Report Number SHAT06716798 date NOV 25, 2020

Please be informed that all the content recorded in the above captioned report will be void. This captioned report is now superseded by a revised Labtest Report, Number SHAT06716798-S1 , issued on Nov 30, 2020 .

Thank you for your attention

Prepared And Checked By:
For Intertek Testing Services Ltd.,Shanghai



Lois Lu
Senior Engineer

Intertek Testing Services Ltd., Shanghai

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