



REPORT NO: 2797i2



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REPORT

On the testing of

Medical Face Masks to EN14683:2019+AC:2019
Documented in house methods:
M0125

Supplied by:

TensARC
Unit 27
Stirling Enterprise Park
Stirling
FK7 7RP

Report Prepared by:

Anthony Hanson

Identification

Mask Description: A1 sample, cream
 4ward Sample No: D2797S1
 Mask Description: A2 sample, cream
 4ward Sample No: D2797S2
 Mask Description: A3 B2 sample, cream front, black back
 4ward Sample No: D2797S3
 Mask Description: A4 B2 sample, cream
 4ward Sample No: D2797S4
 Mask Description: A5 B2 sample, cream
 4ward Sample No: D2797S5

Product description: Facegaiter MK3 filter A350B1 (100 wash cycles)
 Manufacturer: tensARC
 Customer reference: Email PB/PS 01/02/21
 Date received: 03/02/2021

Test Summary

	S1 Off Seam	S2 Off seam	S3 Off seam	S4 On seam	S5 On seam	Threshold	Result
Bacterial filtration efficiency (BFE), [%] 5.2.2	99.64	99.70	99.37	99.85	99.91	≥ 98	Pass

Threshold for type IIR mask

Test Details

The Facegaiter MK3 filter A350B1 tested after 100 wash cycles as received from the customer.

Testing of the samples was carried out to the following sections of EN 14683:2019+AC:2019

Bacterial Filtration Efficiency Section 5.2.2

Test area: 49 cm²
 Exposed face: Inside
 Test flow rate: 28.3L/min
 Sample size: Full mask (>10x10cm)
 Mean plate counts
 Positive controls: 2987 cfu
 Negative control 0 cfu

Sample pre-conditioning: 4h @ 21±5°C 85±5%RH

BFE for each test specimen shown in summary table.

Pass - The measured values were observed in tolerance at the points tested. The specific false accept risk < 5%.

Date of testing: 08-11/02/2021



These results relate only to the samples tested

Work carried out and recorded by the following personnel:



Paula Fountain BSc MSc
Laboratory Technician



Tessa Peters BSc
Laboratory Technician

Quality Assurance Engineer

Work approved by the following personnel:



Anthony Hanson
Quality Assurance Engineer

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..... **END**

Changelog:
Included product description and wash cycles.

