

Analytical Report Nr.

AR-20-YL-006336-01

Sample code Nr.

560-2020-00007013

Date

13/10/2020

ANALYTICAL REPORT**Client Information**

Eurofins Polska Sp. z o.o.
ul. Księcia Ziemowita 53 blok 3A lok. 4
WARSZAWA POLAND

NataliaPapaja-Liczberska@eurofins.com

For the attention of Natalia Papaja-Liczberska

Sample Information

Order Code: EUAA70-00008573
Reception Date: 5-Oct-2020
Analysis Starting Date: 5-Oct-2020
Analysis Ending Date: 13-Oct-2020
Sample described as: Mask

Information provided by the customer:

Client Reference: 720-2020-00199226
Sample Description: Maski medyczne SAFE Typ IIR, BFE \geq 98% ES/RS
720-2020-00199226 Maski medyczne SAFE Typ IIR, BFE \geq 98% ES/RS,
manufacturer: Medical Protection Sp. z o.o. Sp.K.

Testing conducted on behalf of:
Medical Protection Sp. z o.o. Sp.K.
ul. Biały Kamień 2/U6 Warszawa 02-593
EN 14683:2019+AC:2019 TYPE IIR

Customer requirements:
Purchase Order Number:

Decision rule	Shared risk - Simple acceptance.	Batch	Not provided
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SAMPLE PICTURE

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CONCLUSION:

TEST PROPERTY	PASS	FAIL	REMARKS
Resistance against penetration by synthetic blood ISO 22609:2004			
A - Mask	X		

Remark: Test has been performed as per application request

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COMPONENT LIST:

COMPONENT ID	COMPONENT NAME	MATERIAL DESCRIPTION	COLOR	REMARKS
CUST 01	A - Mask	Mask	Blue	---

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MASKS TESTING

CAS No.

RESULTS

UNC.

LOQ

GUIDELINES

Analyses on:A - Mask**Resistance against penetration by synthetic blood**

Analysis Ending Date: 13/10/2020

ISO 22609:2004

Result:

32 of 32 samples pass
at 16 kPa- 29 of 32 samples Pass
pass at 16 kPa

Complete test data reported at Annex.

AQL information according to ISO 22609:2004:

A single sampling plan providing an AQL of 4,0 % requires 32 test specimens.

An AQL of 4.0 % is met for a single sampling plan when 29 or more specimens show pass results.

AQL= Acceptable Quality Limit.





Eurofins Textile Testing Spain, S.L.

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Activities not covered by ENAC accreditation are marked with    

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Signed for and on behalf of Eurofins Textile Testing Spain:

Eurofins Textile Testing Spain, S.L.U
C/ Germán Bernácer, 4 (Elche)
E: 0378099

Report electronically validated by

Maria Jesus Martinez Puig

Chemical Lab manager

EXPLANATORY NOTE

- ◆ Test not covered by ENAC accreditation scope
- Test is subcontracted within Eurofins group and is accredited
- Test is subcontracted within Eurofins group and is not accredited
- Test is subcontracted outside Eurofins group and is accredited
- Test is subcontracted outside Eurofins group and is not accredited

N/A = Not Applicable

Eurofins General Sales Terms and Conditions applied.

Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report.

Test uncertainties not reported are at customer disposal.

If you happen to have any comments, please do it by sending email to textile_spain@eurofins.com and referring to this report number.

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End Of Report

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DETERMINATION RESISTANCE AGAINST PENETRATION BY SYNTETIC BLOOD

Test Method: ISO 22609:2004; Targeting-plate test method

Number of test specimens: 32

Sample size: Circular, diameter 5,58 cm

Sample area tested: 24,5 cm²

Pressure: 16 kPa (120,0 mm Hg)

Stream velocity of synthetic blood: 550±10 cm/s

Distance of the face mask target area surface from the tip of the cannula: 30,5 cm

Angle of the pneumatic valve with respect to the face mask target area: 90°

Technique used to enhance visual detection of synthetic blood: Hydrophilic cotton

Conditioning: At least 4 hours. T^a between 16,7°C and 26 °C. HR% between 82,8 and 88 % Hr

Environmental test conditions 24,7 °C; 78,8 % Hr

Pre-treatment: None

Specimen	Results	
	Pass	Fail
1	X	
2	X	
3	X	
4	X	
5	X	
6	X	
7	X	
8	X	
9	X	
10	X	
11	X	
12	X	
13	X	
14	X	
15	X	
16	X	
17	X	
18	X	
19	X	
20	X	
21	X	
22	X	
23	X	
24	X	
25	X	
26	X	
27	X	
28	X	
29	X	
30	X	
31	X	
32	X	

Conclusion	PASS
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Operating requirements for surgical masks based on EN 14683: 2019+AC: 2019 standard

TEST	TYPE I	TYPE II	TYPE IIR
Bacterial filtration efficiency (BFE), (%)	≥ 95	≥ 98	≥ 98
Differential pressure (Pa/cm ²)	< 40	< 40	< 60
Splash resistance pressure (kPa)	Not required	Not required	≥ 16
Microbial cleanliness (CFU/g)	≤ 30	≤ 30	≤ 30