

**Analytical Report Nr.**

AR-21-YL-005348-01

**Sample code Nr.**

560-2021-00005760

**Date**

17/05/2021

## ANALYTICAL REPORT

### Client Information

Eurofins Cosmetics and Personal Care Italy Srl  
Lungotevere A. da Brescia, 11  
ROMA ITALY

StaffCOSME@eurofins.com

For the attention of Dept Reports & Sample Registration

### Sample Information

**Order Code:** EUAA70-00012058  
**Reception Date:** 13-May-2021  
**Analysis Starting Date:** 13-May-2021  
**Analysis Ending Date:** 17-May-2021  
**Sample code Nr.** 560-2021-00005760  
**Sample described as:** Masks

### Requirements and decision rule

**Customer requirements:** No requirements  
**Decision Rule:** Not applicable.

### Information provided by the customer\*

**Client Reference:** 2.2 - U-mask model 2.2  
**Sample Description:** U-Earth Biotech Ltd  
**Purchase Order Number:**

**Batch** 013

**Analytical Report Nr.**

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560-2021-00005760

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**SAMPLE PICTURE**

Analytical Report Nr.

AR-21-YL-005348-01

Sample code Nr.

560-2021-00005760

Date

17/05/2021

## CONCLUSION:

TEST PROPERTY	PASS	FAIL	REMARKS
<b>Resistance against penetration by synthetic blood</b> ISO 22609:2004			
Mask			REFER RESULT

**Remark:** Test has been performed as per application request

**Analytical Report Nr.**

AR-21-YL-005348-01

**Sample code Nr.**

560-2021-00005760

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17/05/2021

**COMPONENT LIST:**

COMPONENT ID	COMPONENT NAME	MATERIAL DESCRIPTION	COLOR	REMARKS
CUST 01	Mask	Mask	Green	---

**Analytical Report Nr.**

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17/05/2021

**MASKS TESTING**
**CAS No.**
**RESULTS**
**UNC.**
**LOQ**
**GUIDELINES**
**Analyses on:Mask**
**Resistance against penetration by synthetic blood**

Analysis Ending Date: 17/05/2021

**ISO 22609:2004**

	RESULTS	UNC.	LOQ
Number of specimens tested	32		-
Number of specimens failed	0		-
Number of specimens passed	32		-

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.

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**Analytical Report Nr.**

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**Signed for and on behalf of Eurofins Textile Testing Spain:**

eurofins  
Eurofins Textile Testing Spain, S.L.U.  
C/ Germán Bernácer, 4 (Elche)  
03023

Report electronically validated by

**Maria Jesus Martinez Puig**

Chemical Lab manager

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**EXPLANATORY NOTE**

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- ◆ 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

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\*Eurofins Textile Testing Spain S.L.U is not responsible of the information supplied by the costumer and reported as section "Information provided by the costumer\*".

Eurofins General Sales Terms and Conditions Applied.

Results obtained refer only to samples, products or material received in Laboratory, as described in section "Sample information" and tested in conditions shown in present report.

Test uncertainties not reported are at customer disposal, for those tests in which it is possible to evaluate the test uncertainty.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor  $k = 2$ , which for a normal distribution provides a level of confidence of approximately 95%.

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If you happen to have any comments, please do it by sending email to [textile\\_spain@eurofins.com](mailto: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 SYNTHETIC 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 cm<sup>2</sup>
**Pressure:** 16 kPa (120,0 mm Hg)

**Synthetic blood volume:** 2 ml

**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<sup>a</sup> between 16,7°C and 26°C. RH between 82,8% and 88%

**Environmental test conditions** 19,6°C; 79,7% 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	

<b>Conclusion</b>	<b>PASS</b>
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