


TEST REPORT	Refer to Analytical Report Number																				
SPONSOR	Eurofins Eurofins Polska Sp. z o.o.																				
	ul. Wojska Polskiego 90A																				
	82-200 Malbork																				
	POLAND																				
FINAL CUSTOMER	Przedsiębiorstwo Produkcyjno-Handlowo-Uslugowe "ADRIANNO-DAMIANII" Eksport-Import Leon Kajfasz																				
TEST METHOD	Bacterial Filtration Efficiency (BFE) – EN 14683:2019+AC:2019 App B																				
TEST ITEM - INFORMATION FROM THE SPONSOR																					
PRODUCT NAME	720-2021-00012751 - Biomask type II																				
MATRIX OF THE PRODUCT	Face Mask																				
BATCH	-	CODE	Not provided																		
EUROFINS COSMETICS & PERSONAL CARE ITALY IDENTIFICATION																					
MATERIAL ITEM ALIQUOT	N721AA0231-1																				
PARCEL REGISTRATION N.	IP-N7-2021021-AAB	RECEIVING DATE	21 Jan 2021																		
ANALYSIS STARTING DATE	25 Jan 2021	ANALYSIS ENDING DATE	26 Jan 2021																		
EXPERIMENTAL CONDITIONS	Dimension of the test specimen: 175 mm x 95 mm Size of the area tested: 49 cm ² Flow rate during testing: 28,3 l/min Inner side of the mask to the aerosol challenge.																				
PHOTO OF THE TEST ITEM																					
RESULTS	<table border="1"> <thead> <tr> <th></th> <th>RESULT</th> <th>UNIT</th> </tr> </thead> <tbody> <tr> <td>ALIQUOT 1</td> <td>99,85</td> <td>%</td> </tr> <tr> <td>ALIQUOT 2</td> <td>99,56</td> <td>%</td> </tr> <tr> <td>ALIQUOT 3</td> <td>99,74</td> <td>%</td> </tr> <tr> <td>ALIQUOT 4</td> <td>99,82</td> <td>%</td> </tr> <tr> <td>ALIQUOT 5</td> <td>99,71</td> <td>%</td> </tr> </tbody> </table>				RESULT	UNIT	ALIQUOT 1	99,85	%	ALIQUOT 2	99,56	%	ALIQUOT 3	99,74	%	ALIQUOT 4	99,82	%	ALIQUOT 5	99,71	%
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DETAILED RESULTS	See Addendum N. 1 (1 page)																				

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Eurofins Cosmetics & Personal Care Italy Srl – via B.Buozzi 2, Vimodrone (Milano), Italy –
P.IVA / VAT Number: 05533561006

Tel: +39-022507151 – Fax: +39-0225071599 – E-mail: : InfoCosme@eurofins.com



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LAB N° 1827 L

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Addendum N.1

Started on: 25/01/2021

Batch: N721AA0231

Sample description: 720-2021-00012751 - Biomask type II

Lot Number: -

Negative Control Plate Counts

	Stage 1	Stage 2	Stage 3*	Stage 4*	Stage 5*	Stage 6*	Mean
Negative Control (CFU)	0	0	0	0	0	0	0

*number of colonies adjusted with positive-hole correction table

Positive Controls Plate Counts

	Stage 1	Stage 2	Stage 3*	Stage 4*	Stage 5*	Stage 6*	Total CFU
Size of particle (µm)	7,00	4,70	3,30	2,10	1,10	0,65	
Positive Control N.1 (CFU)	133	233	1064	508	387	281	2606
Positive Control N.2 (CFU)	184	244	1179	535	406	296	2844

*number of colonies adjusted with positive-hole correction table

Mean of the total plate counts of the two positive controls (CFU): 2725

Mean Particle Size (MPS)

	MPS
Positive Control N.1 (µm)	2,77
Positive Control N.2 (µm)	2,84
Mean (µm)	2,81

Test specimens Plate Counts

	Stage 1	Stage 2	Stage 3*	Stage 4*	Stage 5*	Stage 6*	Total CFU
N721AA0231-1 - Aliquot 1	0	0	0	1	1	2	4
N721AA0231-1 - Aliquot 2	0	0	0	1	1	10	12
N721AA0231-1 - Aliquot 3	0	0	0	0	1	6	7
N721AA0231-1 - Aliquot 4	0	0	0	0	1	4	5
N721AA0231-1 - Aliquot 5	0	0	0	1	1	6	8

*number of colonies adjusted with positive-hole correction table

Test specimens Bacterial Filtration Efficiency (BFE)

	BFE (%)
N721AA0231-1 - Aliquot 1	99,85
N721AA0231-1 - Aliquot 2	99,56
N721AA0231-1 - Aliquot 3	99,74
N721AA0231-1 - Aliquot 4	99,82
N721AA0231-1 - Aliquot 5	99,71

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