

TEST Report

Add. 47 Gajangsaneopseo-ro, Osan-si,
Mail. PNCRND@PNCLABS.CO.KR

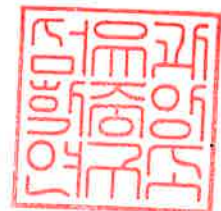
Tel. 1833-8795
Web. www.pnclabs.co.kr

PNT No.		200901-010-11			
Client		DAEHO HIGHTECH.LTD			
Date In		2020. 09. 01.	Issue date		2020. 11. 16.
Title		Issuing test result	Client		Dong-hoon Seong
Sort		KF94	Contact		010-2021-1475
Item		Evelyn Premium Mask KF-94(M)			
Purpose		Permission			
Lot. No		-	Date of manufacture		-
Test result		Qualified [Refer to the attached]			
Note		None	Reissue		None
Previous report No.		None			

Tested by Seuiki An (Staff) Checked by Sehee Lee (Researcher)

Reviewed by Seunghoon Oh (Team leader)

PNT Inc.



PNT Director of Research (Sign).

Primary Contact: Sehee Lee E sehee.lee@pnclabs.co.kr Back-up: Seunghoon.Oh E seunghoon.oh@pnclabs.co.kr

1. This test report only limited in the sample and sample name presented by the client and do not guarantee the all products of the client.
2. This test report shall be used only within the purpose of its defined usage and also shall not be used for public relation, advertisement and suit without the research engineer written approval.
3. The test conditions in this report were applied in accordance with the standards and test method notices for quasi-drugs by the KFDA.
4. For technical consultations or inquiries regarding the issued test report, please contact the person in charge.

[Test standards and test results]

Test		Standard	Data	Result								
Appearance		Non-woven fabric mask with two-stage vertical folding body with 'EVELYN' pattern on the bottom right, including nose piece on the nose and white strings on both sides.	Non-woven fabric mask with two-stage vertical folding body with 'EVELYN' pattern on the bottom right, including nose piece on the nose and white strings on both sides.	Qualified								
Shape		Face panel width: 125 ± 10 mm	121 mm	Qualified								
		Face panel height: 142 ± 10 mm	140 mm									
		Left ear loops length: 165 ± 15 mm	160 mm									
		Right ear loops length: 165 ± 15 mm	158 mm									
Purity testing	Colorant	No color.	No color.	Qualified								
	Acidity	Phenolphthalein : No red color.	No red color.	Qualified								
		Methyl Orange : No red color.	No red color.									
	Fluorescence	No fluorescence.	Visible fluore sceuce,(Nose Wire) →Non-metastatic confirmed	Qualified								
	Formaldehyde	Not darker than Potassium chromate solution.	Not darker than Potassium chromate solution.	Qualified								
Ear loops Tensile Strength		≥ 10 N	36.16 N	Qualified								
Respiratory Resistance Test		≤ 70 Pa	<table border="1"> <thead> <tr> <th>Before preconditioning</th> <th>After preconditioning</th> </tr> </thead> <tbody> <tr> <td>19.94 Pa</td> <td>27.28 Pa</td> </tr> <tr> <td>28.98 Pa</td> <td>18.30 Pa</td> </tr> <tr> <td>27.98 Pa</td> <td>10.38 Pa</td> </tr> </tbody> </table>	Before preconditioning	After preconditioning	19.94 Pa	27.28 Pa	28.98 Pa	18.30 Pa	27.98 Pa	10.38 Pa	Qualified
Before preconditioning	After preconditioning											
19.94 Pa	27.28 Pa											
28.98 Pa	18.30 Pa											
27.98 Pa	10.38 Pa											

[Test standards and test results]

Test		Standard	Data		Result			
Particle filtration efficiency	NaCl	≥ 94 %	Before preconditioning	After preconditioning	Qualified			
			99.99 %	99.98 %				
			99.98 %	99.98 %				
	Paraffin oil	≥ 94 %	Before preconditioning	After preconditioning				
			99.93 %	99.92 %				
			99.92 %	99.95 %				
Total Inward Leakage	Out of total 50, 46 or more values should be equal to or less than KF80: 25 % KF94: 11 % KF99: 5 %	(Unit: %)						
		Before preconditioning		a	b	c	d	e
			①	1.61	0.53	0.12	0.08	0.35
			②	0.17	0.13	0.05	0.06	0.04
			③	0.23	0.00	0.26	0.93	1.50
			④	0.16	0.13	0.07	0.07	0.06
		After preconditioning	①	0.26	0.06	0.01	0.02	0.02
			②	0.23	0.16	0.11	0.04	0.02
			③	5.46	4.03	4.27	1.73	2.30
			④	0.71	1.40	1.46	0.93	0.71
			⑤	2.83	6.95	4.06	0.57	0.41
							Qualified	

PNT No. 200901-010-11 / Evelyn Premium Mask KF-94(M)

Product photo

Front



Back

