

GÉPTESZT Kft.
Notified Body No. 2233
registered in the European Union

Address: Jablonka St. 79., Budapest, 1037, HUNGARY
e-mail: nb2233@gepteszt.hu
web: www.gepteszt.hu
Phone: +3612503531



PERSONAL PROTECTIVE EQUIPMENT PRODUCT CHECK ROUTINE TEST REPORT

EN 149:2001+A1:2009
Particle filtering half mask

The examination and testing of Personal Protective Equipment were carried out in accordance with
MSZ EN ISO/IEC 17025:2018 standard
by GÉPTESZT Kft. Notified Body, identified under number 2233 in the EU

Customer:	SWS-Medicare GmbH Address: Benzstrasse 5, 84051 Altheim /Essenbach, GERMANY
Model:	FB2H1 (white)
Classification:	FFP2 NR D
Exhalation valve	no
Inhalation valve:	no
Uses:	non reusable (NR)
Project number:	GT426
Test report number:	VD36/GT426-X1/2022/EN
Project worksheet number:	VD34/2022/GT426-X1
Date of the test:	2022.04.01 - 2022.04.07.
Samples received date:	2021.12.09.
Sample numbers:	1 - 3
Attachment:	no
Issued:	Budapest, 2022.04.10.

GÉPTESZT KFT.
EVE Vizsgáló Laboratórium
NB 2233
1037 Budapest, Jablonka u. 79.
Labor: 1032 Budapest, Gyenes u.12.

A handwritten signature in blue ink, appearing to read "Budai Dániel", is written over a dotted line.

Budai Dániel
Director of Laboratory

**Relevant standards, directives and requirements:**

EN 149:2001+A1:2009 Filtering half masks to protect against particles

Description of the sample

The manufacturer will add the dolomite performance to the white mask. The layer structure has not changed. The white fish-type mask is consists of 3 layers:

	Item description	Material
Layer 1	Spunbond 50 g	PP
Layer 2	Meltblown 30 g	PP
Layer 3	Spunbond 25 g	PP
nose clip	2 wire	Steel and PP
earloop	Earloop	PP and Spandex



Short description of routine tests:

Requirement	Test method	Description	Result
7.17	8.10	Clogging	Passed

Analysis and details of routine test results:**7.17 Clogging**

Clogging treatment with DRB 4/15 dolomite dust

Continuous flow through the dust chamber: 60 m³/h

	Conditioning	A.R.	T.C.	T.C	
	Sample	1	2	3	
	Requirement	Measured			
Temperature of the air, °C	23 ± 2 °C	21,0			
Relative humidity of the air, %	45 ± 15 %	55	55	55	
Concentration, mg/m ³	400±100 mg/m ³	387	398	399	
Exposure time, min	833 mgh/m ³	129	126	125	
Inhalation resistance, mbar at 95 l/min continuous flow	4 mbar	1,22	1,37	1,36	
Exhalation resistance at 95 l/min continuous flow	ahead	4 mbar	1,14	1,21	1,18
	vert. upwards		1,13	1,20	1,17
	vert. downwards		1,13	1,20	1,17
	left		1,15	1,22	1,22
	right		1,15	1,22	1,19
Paraffin aerosol concentration at 95 l/min flow	15-25 mg/m ³ ,				
Paraffin penetration, %	max. 6 %	0,68	-	-	
Paraffin exposure (120 mg), %	max. 6 %	-	0,62	0,71	

None of the measured values exceeded the maximum values.

PASSED**Result of the routine test: PASSED**

E N D O F T H E T E S T R E P O R T