

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	17.02.2022	11:40:14	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.61 °C
Aerosol	Pressurized air	rel. humidity	2.44 %

Mask information

Mask ID	13868_20220217_114014
Mask lot	220217-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.14 l/min	35.20 Pa	70.00 Pa	✔ pass
Inhalation 2	94.78 l/min	99.07 Pa	240.00 Pa	✔ pass
Exhalation	159.93 l/min	168.73 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	17.02.2022	11:44:41	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.88 l/min
Generator air	2.68 l/min

Test conditions	
Temperature	22.61 °C
rel. humidity	2.44 %
Mass concentration	19.84 mg/m ³

Mask information

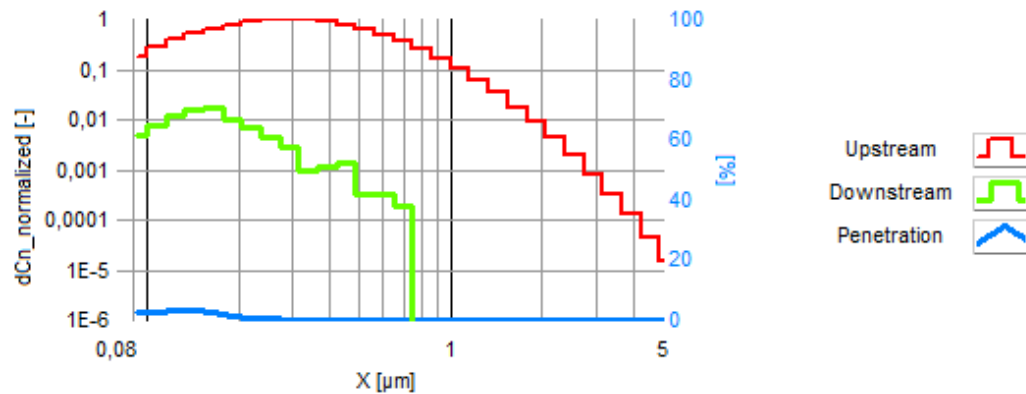
Mask ID	13868_20220217_114441
Mask lot	220217-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Calculation of the penetration is based on the following parameters: $X_g = 0.29 \mu\text{m}$, $\text{Sigma} = 1.85$

Penetration	Measurement	Upper limit	Result
P_SARS_CoV-2 (0.15 μm)	2.86 %	20.00 %	✓ pass
P_m	0.06 %		
P_Ph_45°	0.13 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022