

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Asijat Gotschiyaeva	04.07.2022	12:48:56	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	25.00 °C
Aerosol	Pressurized air	rel. humidity	6.08 %

Mask information

Mask ID	13868_20220704_124856
Mask lot	220704-F-L5-2-MLK-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.03 l/min	27.96 Pa	70.00 Pa	✔ pass
Inhalation 2	94.80 l/min	106.80 Pa	240.00 Pa	✔ pass
Exhalation	159.95 l/min	185.47 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Asijat Gotschiyaeva	04.07.2022	12:53:40	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.84 l/min
Generator air	2.49 l/min

Test conditions	
Temperature	25.23 °C
rel. humidity	5.38 %
Mass concentration	23.10 mg/m³

Mask information

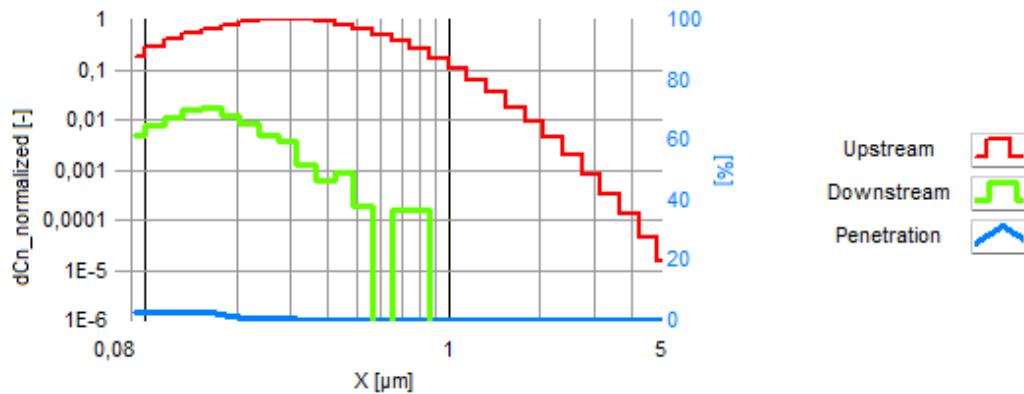
Mask ID	13868_20220704_125340
Mask lot	220704-F-L5-2-MLK-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	2.81 %	20.00 %	✔ pass
P_m	0.06 %		
P_Ph_45°	0.12 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022