

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Asijat Gotschiyeva	14.06.2022	12:22:18	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.22 °C
Aerosol	Pressurized air	rel. humidity	10.43 %

Mask information

Mask ID	13868_20220614_122218
Mask lot	220610-F-L2-1-MK6-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.02 l/min	21.19 Pa	70.00 Pa	✔ pass
Inhalation 2	94.85 l/min	74.11 Pa	240.00 Pa	✔ pass
Exhalation	159.86 l/min	149.60 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Asijat Gotschiyaeva	14.06.2022	12:28:51	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.96 l/min
Generator air	2.59 l/min

Test conditions	
Temperature	22.32 °C
rel. humidity	9.96 %
Mass concentration	22.39 mg/m ³

Mask information

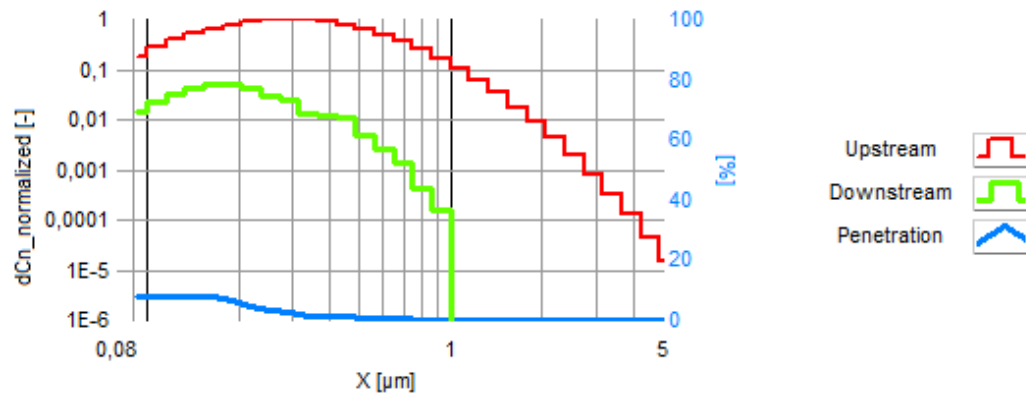
Mask ID	13868_20220614_122851
Mask lot	220610-F-L2-1-MK6-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	7.87 %	20.00 %	✓ pass
P_m	0.47 %		
P_Ph_45°	1.06 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022