

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Christopher Reinhold	23.12.2021	15:52:40	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	20.96 °C
Aerosol	Pressurized air	rel. humidity	2.95 %

Mask information

Mask ID	13868_20211223_155240
Mask lot	211223-F-L1-2-M2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	29.99 l/min	32.33 Pa	70.00 Pa	✔ pass
Inhalation 2	94.69 l/min	99.96 Pa	240.00 Pa	✔ pass
Exhalation	159.92 l/min	178.98 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Christopher Reinhold	23.12.2021	15:58:35	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.80 l/min
Generator air	2.68 l/min

Test conditions	
Temperature	21.05 °C
rel. humidity	2.64 %
Mass concentration	19.68 mg/m³

Mask information

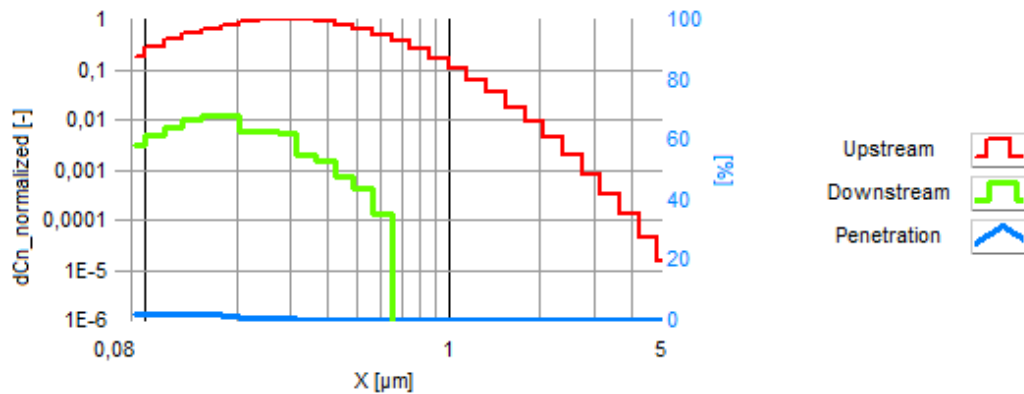
Mask ID	13868_20211223_155835
Mask lot	211223-F-L1-2-M2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	1.86 %	6.00 %	✓ pass
P_m	0.06 %		
P_Ph_45°	0.15 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022