

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Christopher Reinhold	10.12.2021	14:41:51	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	24.18 °C
Aerosol	Pressurized air	rel. humidity	1.97 %

Mask information

Mask ID	13868_20211210_144151
Mask lot	211210-F-L2-1-XS-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.09 l/min	37.91 Pa	70.00 Pa	✔ pass
Inhalation 2	94.85 l/min	115.55 Pa	240.00 Pa	✔ pass
Exhalation	159.98 l/min	200.29 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Christopher Reinhold	10.12.2021	14:45:43	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.91 l/min
Generator air	2.99 l/min

Test conditions	
Temperature	24.22 °C
rel. humidity	1.95 %
Mass concentration	47.92 mg/m ³

Mask information

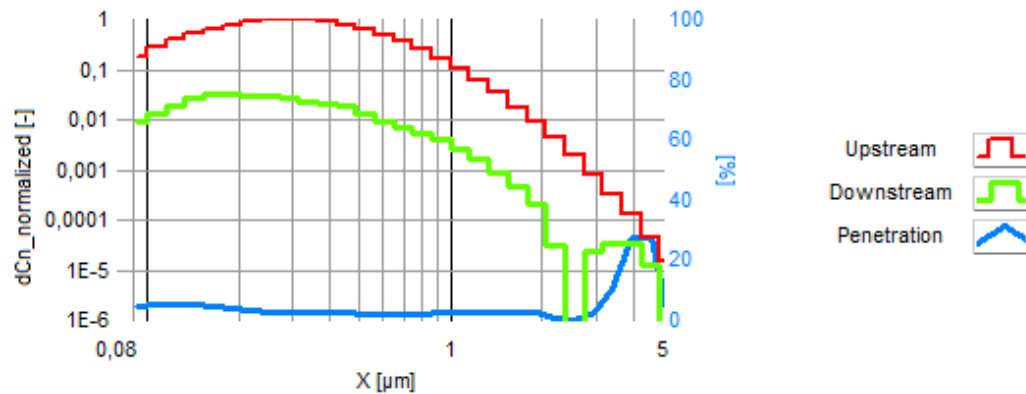
Mask ID	13868_20211210_144543
Mask lot	211210-F-L2-1-XS-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	4.94 %	30.00 %	✓ pass
P_m	2.54 %		
P_Ph_45°	2.39 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022