

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Christopher Reinhold	10.12.2021	14:12:01	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	24.35 °C
Aerosol	Pressurized air	rel. humidity	2.47 %

Mask information

Mask ID	13868_20211210_141201
Mask lot	211210-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	29.98 l/min	28.79 Pa	70.00 Pa	✔ pass
Inhalation 2	94.82 l/min	88.51 Pa	240.00 Pa	✔ pass
Exhalation	159.94 l/min	152.61 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	14:19:37	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.99 l/min
Generator air	3.08 l/min

Test conditions	
Temperature	24.15 °C
rel. humidity	2.14 %
Mass concentration	56.27 mg/m ³

Mask information

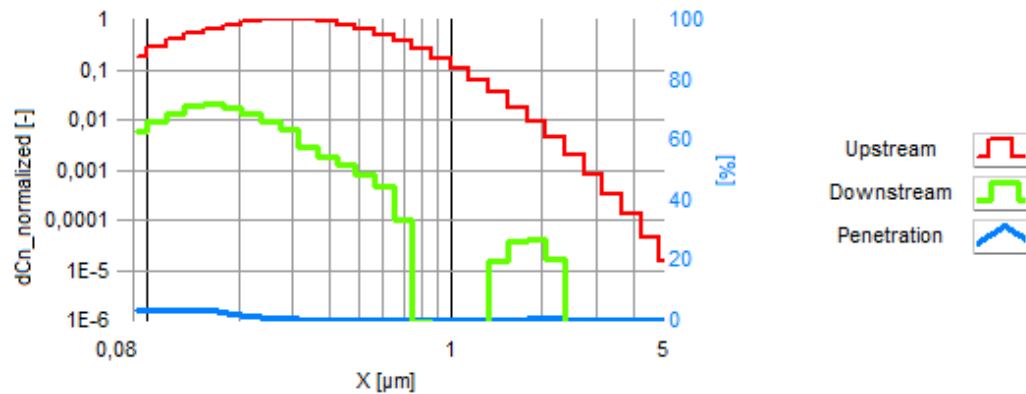
Mask ID	13868_20211210_141937
Mask lot	211210-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	3.40 %	30.00 %	✓ pass
P_m	0.14 %		
P_Ph_45°	0.24 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022