

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Christopher Reinhold	17.11.2021	11:30:06	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.00 °C
Aerosol	Pressurized air	rel. humidity	3.66 %

Mask information

Mask ID	13868_20211117_113006
Mask lot	211117-F-L1-2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	29.95 l/min	33.43 Pa	70.00 Pa	✔ pass
Inhalation 2	94.62 l/min	102.86 Pa	240.00 Pa	✔ pass
Exhalation	159.85 l/min	174.26 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Christopher Reinhold	17.11.2021	11:34:06	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.93 l/min
Generator air	2.59 l/min

Test conditions	
Temperature	22.12 °C
rel. humidity	3.03 %
Mass concentration	19.58 mg/m³

Mask information

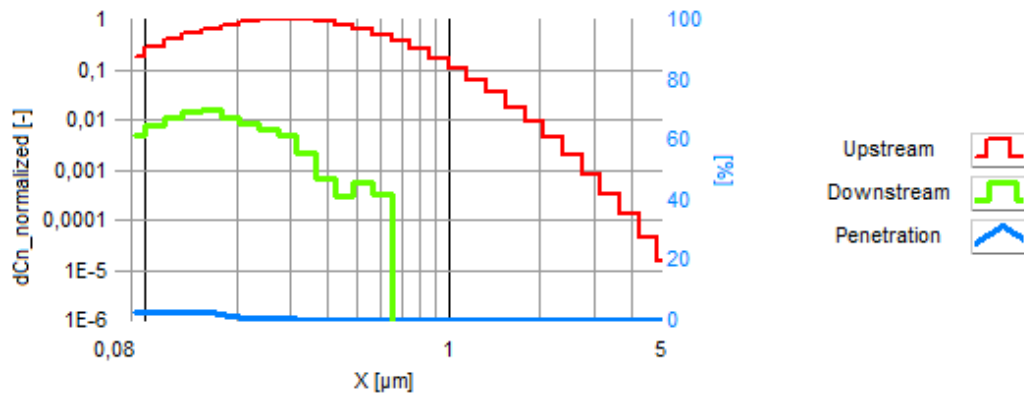
Mask ID	13868_20211117_113406
Mask lot	211117-F-L1-2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	2.67 %	30.00 %	✓ pass
P_m	0.06 %		
P_Ph_45°	0.14 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022