

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Christopher Reinhold	15.10.2021	10:02:10	1.11.1.0

Basic information

Operation parameter	
Script	Atemwiderstand
Aerosol	Pressurized air

Test conditions	
Temperature	22.61 °C
rel. humidity	2.83 %

Mask information

Mask ID	13868_20211015_100210
Mask lot	211014-F-01-2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.05 l/min	37.39 Pa	70.00 Pa	✔ pass
Inhalation 2	94.77 l/min	114.66 Pa	240.00 Pa	✔ pass
Exhalation	160.02 l/min	189.88 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Christopher Reinhold	15.10.2021	10:06:07	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.99 l/min
Generator air	2.62 l/min

Test conditions	
Temperature	22.62 °C
rel. humidity	2.74 %
Mass concentration	22.70 mg/m³

Mask information

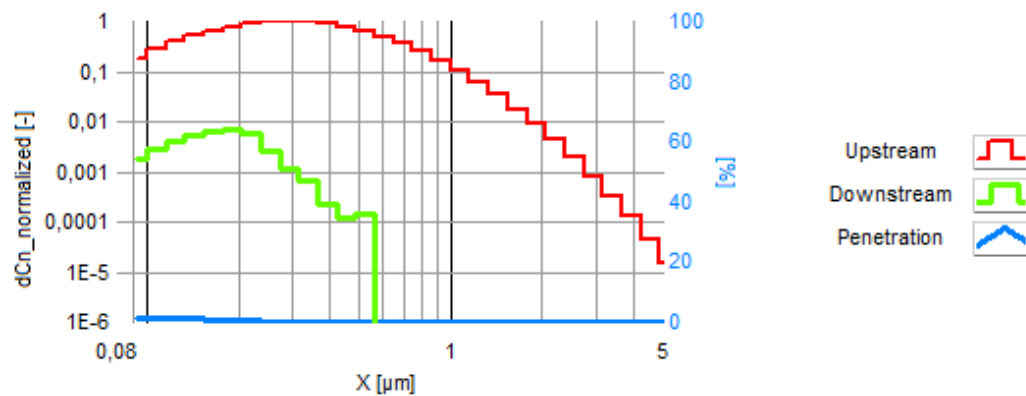
Mask ID	13868_20211015_100607
Mask lot	211014-F-01-2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	1.01 %	30.00 %	✓ pass
P_m	0.02 %		
P_Ph_45°	0.05 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022