

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad Benchakroun	08.02.2022	16:03:24	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.61 °C
Aerosol	Pressurized air	rel. humidity	2.72 %

Mask information

Mask ID	13868_20220208_160324
Mask lot	220208-S-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	34.63 Pa	70.00 Pa	✔ pass
Inhalation 2	94.66 l/min	101.40 Pa	240.00 Pa	✔ pass
Exhalation	160.00 l/min	174.41 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	08.02.2022	16:10:32	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.83 l/min
Generator air	2.68 l/min

Test conditions	
Temperature	22.71 °C
rel. humidity	2.63 %
Mass concentration	19.71 mg/m³

Mask information

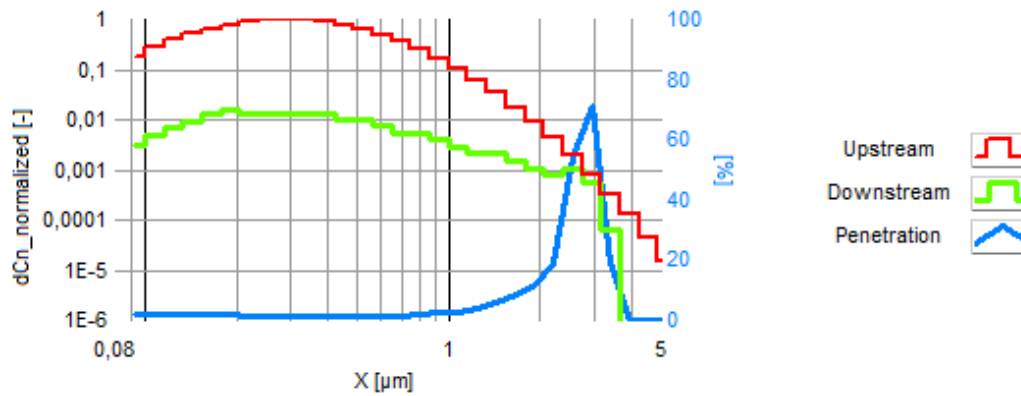
Mask ID	13868_20220208_161032
Mask lot	220208-S-L1-2-M2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	1.78 %	20.00 %	✓ pass
P_m	6.01 %		
P_Ph_45°	2.46 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022