

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad Benchakroun	03.01.2022	09:23:49	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	19.00 °C
Aerosol	Pressurized air	rel. humidity	4.10 %

Mask information

Mask ID	13868_20220103_092349
Mask lot	220103-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.04 l/min	33.80 Pa	70.00 Pa	✔ pass
Inhalation 2	94.73 l/min	98.89 Pa	240.00 Pa	✔ pass
Exhalation	159.95 l/min	167.09 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	03.01.2022	09:28:03	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.88 l/min
Generator air	2.75 l/min

Test conditions	
Temperature	19.10 °C
rel. humidity	3.61 %
Mass concentration	19.84 mg/m ³

Mask information

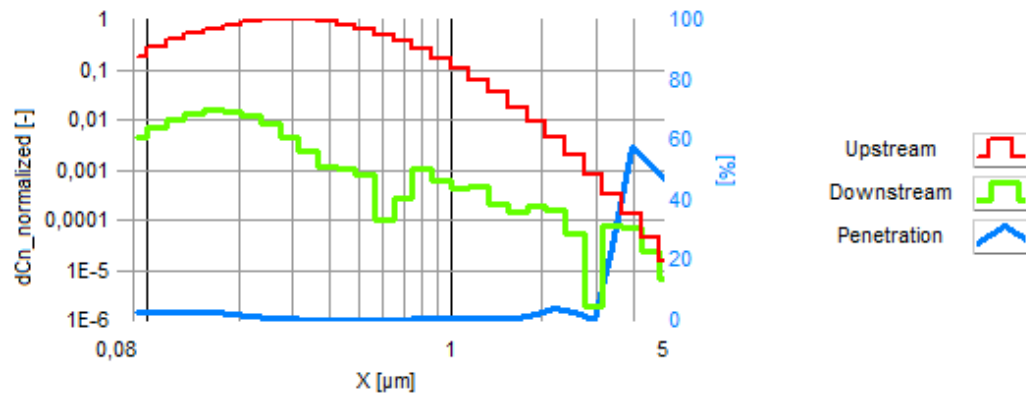
Mask ID	13868_20220103_092803
Mask lot	220103-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	2.55 %	6.00 %	✓ pass
P_m	1.41 %		
P_Ph_45°	0.44 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022