

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad Benchakroun	07.02.2022	11:16:09	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	21.28 °C
Aerosol	Pressurized air	rel. humidity	3.44 %

Mask information

Mask ID	13868_20220207_111609
Mask lot	220205-F-L2-1-XSLght-A-I
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.03 l/min	26.80 Pa	70.00 Pa	✔ pass
Inhalation 2	94.72 l/min	79.57 Pa	240.00 Pa	✔ pass
Exhalation	160.00 l/min	142.44 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	07.02.2022	11:21:50	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.99 l/min
Generator air	2.63 l/min

Test conditions	
Temperature	21.25 °C
rel. humidity	2.86 %
Mass concentration	20.01 mg/m³

Mask information

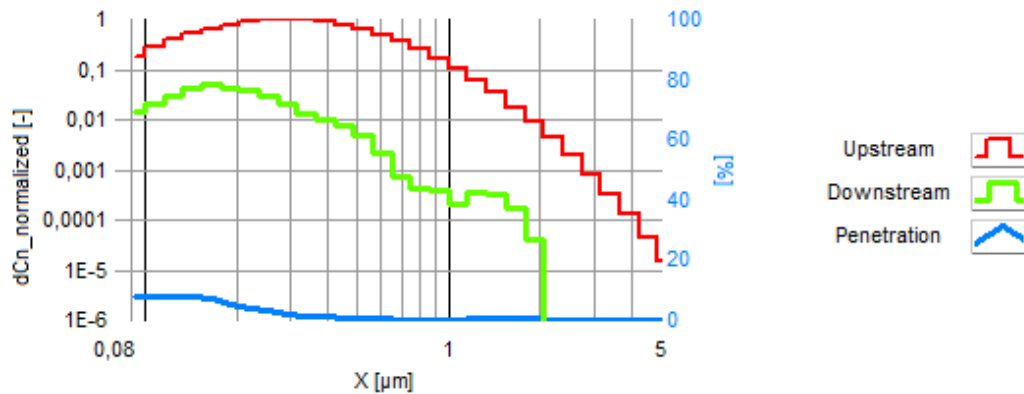
Mask ID	13868_20220207_112150
Mask lot	220205-F-L2-1-XSLght-A-I
Mask type	DMASKE / Chargentest / FFP 2

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)	7.73 %	20.00 %	✓ pass
P_m	0.62 %		
P_Ph_45°	1.00 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022