

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad Benchakroun	07.02.2022	09:40:58	1.11.1.0

Basic information

Operation parameter	
Script	Atemwiderstand
Aerosol	Pressurized air

Test conditions	
Temperature	20.00 °C
rel. humidity	3.42 %

Mask information

Mask ID	13868_20220207_094058
Mask lot	220203-F-L2-1-XSLght-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.07 l/min	25.87 Pa	70.00 Pa	✔ pass
Inhalation 2	94.68 l/min	77.68 Pa	240.00 Pa	✔ pass
Exhalation	159.90 l/min	142.72 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	09:46:49	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.94 l/min
Generator air	2.59 l/min

Test conditions	
Temperature	20.07 °C
rel. humidity	3.03 %
Mass concentration	17.52 mg/m ³

Mask information

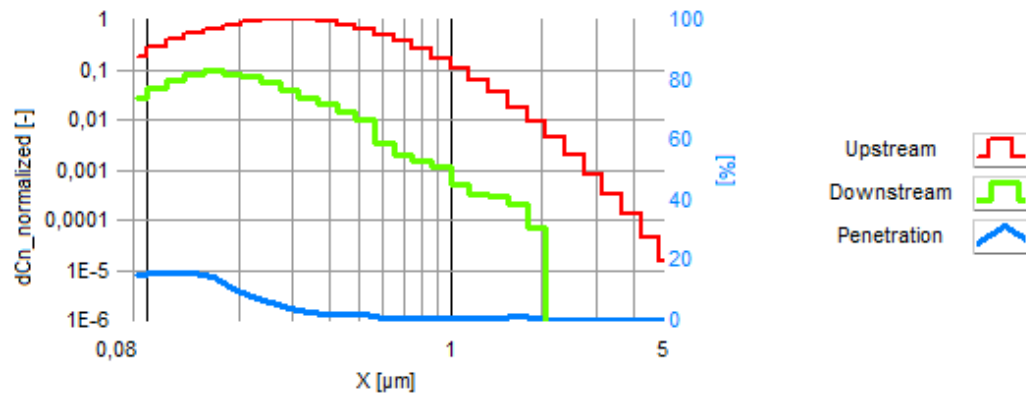
Mask ID	13868_20220207_094649
Mask lot	220203-F-L2-1-XSLght-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	15.44 %	20.00 %	✓ pass
P_m	1.11 %		
P_Ph_45°	1.91 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022