

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad Benchakroun	13.12.2021	14:17:20	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	23.32 °C
Aerosol	Pressurized air	rel. humidity	3.42 %

Mask information

Mask ID	13868_20211213_141720
Mask lot	211211-F-L1-2-M2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.04 l/min	30.97 Pa	70.00 Pa	✔ pass
Inhalation 2	94.73 l/min	94.20 Pa	240.00 Pa	✔ pass
Exhalation	159.96 l/min	162.69 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	13.12.2021	14:23:43	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.81 l/min
Generator air	2.68 l/min

Test conditions	
Temperature	23.39 °C
rel. humidity	2.93 %
Mass concentration	22.23 mg/m³

Mask information

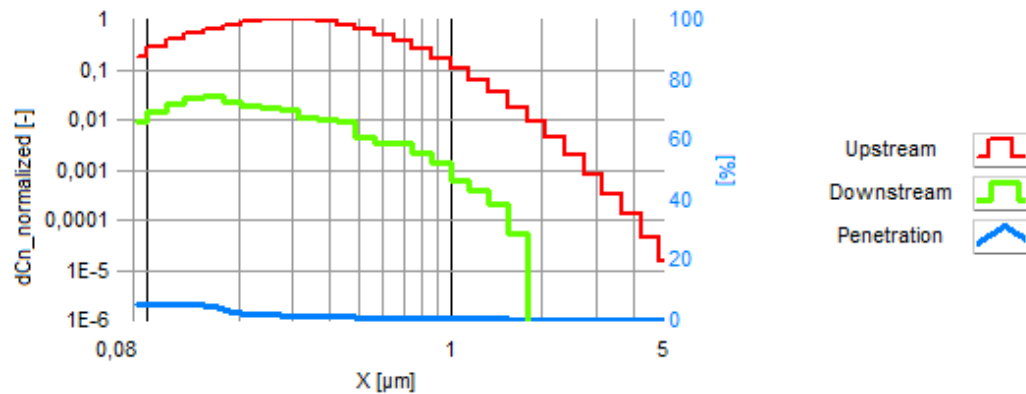
Mask ID	13868_20211213_142343
Mask lot	211211-F-L1-2-M2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	5.12 %	30.00 %	✓ pass
P_m	0.73 %		
P_Ph_45°	1.02 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022