

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad Benchakroun	07.12.2021	08:08:39	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	19.56 °C
Aerosol	Pressurized air	rel. humidity	3.22 %

Mask information

Mask ID	13868_20211207_080839
Mask lot	211206-S-L3-2-XS-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.08 l/min	40.01 Pa	70.00 Pa	✔ pass
Inhalation 2	94.70 l/min	108.51 Pa	240.00 Pa	✔ pass
Exhalation	159.99 l/min	174.80 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	07.12.2021	08:12:47	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.95 l/min
Generator air	2.84 l/min

Test conditions	
Temperature	19.58 °C
rel. humidity	3.03 %
Mass concentration	16.54 mg/m ³

Mask information

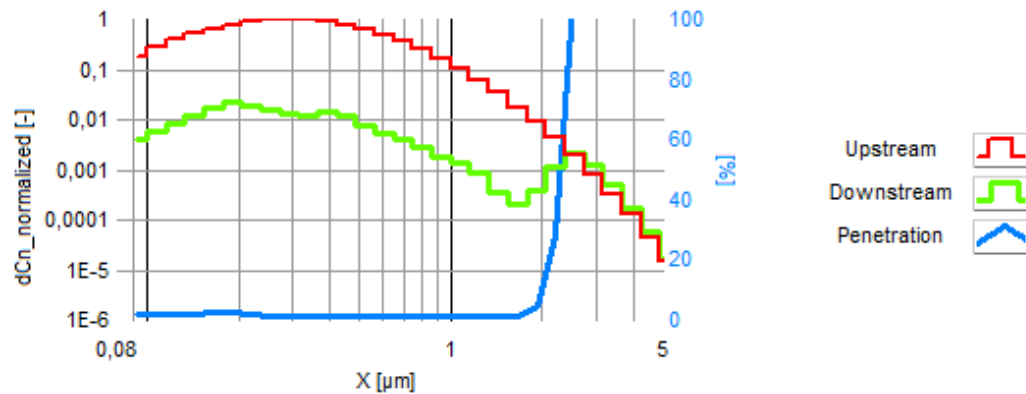
Mask ID	13868_20211207_081247
Mask lot	211206-S-L3-2-XS-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	2.30 %	30.00 %	✓ pass
P_m	9.77 %		
P_Ph_45°	2.60 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022