

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad Benchakroun	21.12.2021	10:36:07	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	20.27 °C
Aerosol	Pressurized air	rel. humidity	3.19 %

Mask information

Mask ID	13868_20211221_103607
Mask lot	211219-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	29.98 l/min	31.43 Pa	70.00 Pa	✔ pass
Inhalation 2	94.70 l/min	97.46 Pa	240.00 Pa	✔ pass
Exhalation	159.88 l/min	168.49 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	21.12.2021	10:40:52	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.97 l/min
Generator air	2.75 l/min

Test conditions	
Temperature	20.44 °C
rel. humidity	2.74 %
Mass concentration	20.00 mg/m ³

Mask information

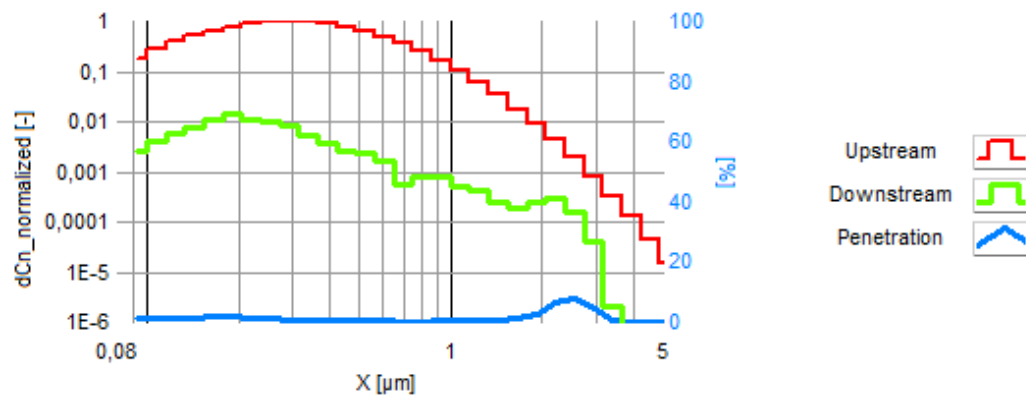
Mask ID	13868_20211221_104052
Mask lot	211219-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	1.52 %	6.00 %	✔ pass
P_m	1.03 %		
P_Ph_45°	0.59 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022