

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad Benchakroun	24.11.2021	09:35:32	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.49 °C
Aerosol	Pressurized air	rel. humidity	3.58 %

Mask information

Mask ID	13868_20211124_093532
Mask lot	211124-F-L1-2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	29.90 l/min	40.53 Pa	70.00 Pa	✔ pass
Inhalation 2	94.62 l/min	109.68 Pa	240.00 Pa	✔ pass
Exhalation	159.95 l/min	180.65 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	24.11.2021	09:43:24	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.80 l/min
Generator air	2.69 l/min

Test conditions	
Temperature	22.61 °C
rel. humidity	2.91 %
Mass concentration	22.31 mg/m ³

Mask information

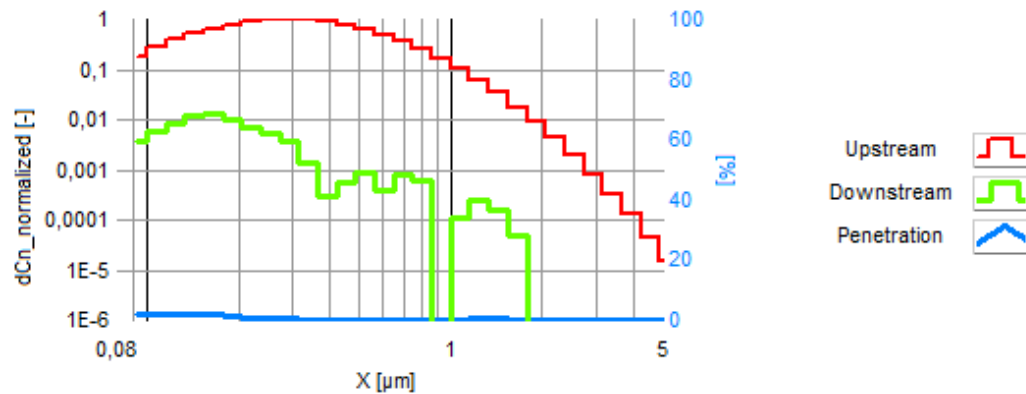
Mask ID	13868_20211124_094324
Mask lot	211124-F-L1-2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	2.18 %	30.00 %	✔ pass
P_m	0.19 %		
P_Ph_45°	0.19 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022