

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad Benchakroun	10.01.2022	12:12:59	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	20.61 °C
Aerosol	Pressurized air	rel. humidity	3.26 %

Mask information

Mask ID	13868_20220110_121259
Mask lot	220110-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.05 l/min	32.21 Pa	70.00 Pa	✔ pass
Inhalation 2	94.70 l/min	94.46 Pa	240.00 Pa	✔ pass
Exhalation	160.00 l/min	161.24 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	10.01.2022	12:16:49	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.92 l/min
Generator air	2.75 l/min

Test conditions	
Temperature	20.73 °C
rel. humidity	3.03 %
Mass concentration	21.30 mg/m ³

Mask information

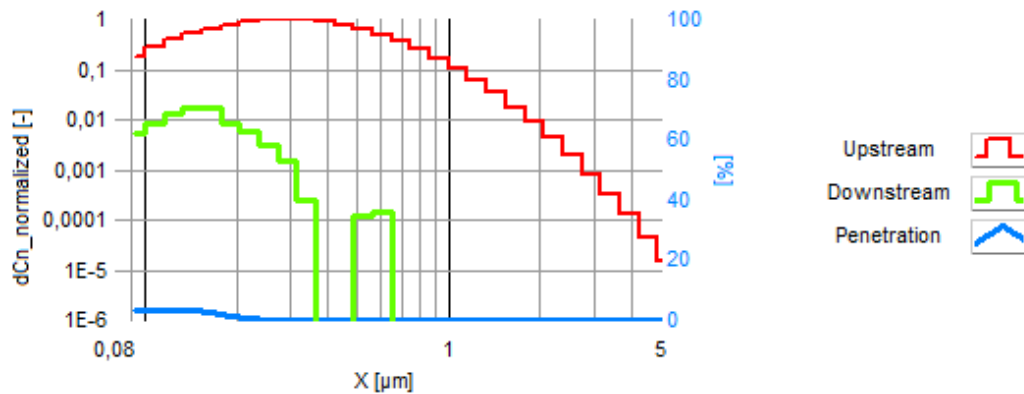
Mask ID	13868_20220110_121649
Mask lot	220110-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	3.05 %	6.00 %	✔ pass
P_m	0.03 %		
P_Ph_45°	0.06 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022