

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Carsten	07.10.2022	15:06:29	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	24.37 °C
Aerosol	Pressurized air	rel. humidity	2.34 %

Mask information

Mask ID	13868_20221007_150629
Mask lot	221006-S-L4-2-M2a-A-IN_D
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.09 l/min	25.16 Pa	70.00 Pa	✔ pass
Inhalation 2	94.82 l/min	89.15 Pa	240.00 Pa	✔ pass
Exhalation	159.93 l/min	160.08 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	07.10.2022	15:11:26	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.96 l/min
Generator air	2.62 l/min

Test conditions	
Temperature	24.47 °C
rel. humidity	3.42 %
Mass concentration	20.13 mg/m ³

Mask information

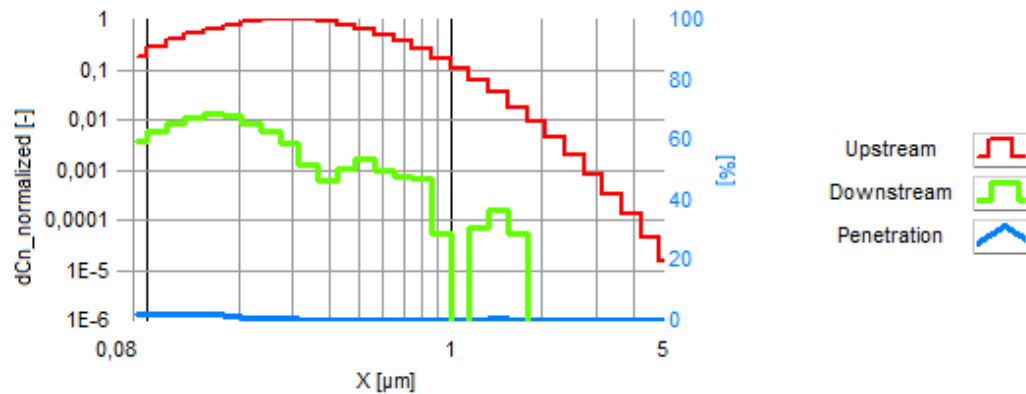
Mask ID	13868_20221007_151126
Mask lot	221006-S-L4-2-M2a-A-IN_D
Mask type	DMASKE / Chargentest / FFP 2

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)	2.07 %	20.00 %	✔ pass
P_m	0.18 %		
P_Ph_45°	0.22 %	6.00 %	✔ pass

Distributions



Calibration expired since 03.09.2022