

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Carsten	14.10.2022	12:27:09	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	26.23 °C
Aerosol	Pressurized air	rel. humidity	2.65 %

Mask information

Mask ID	13868_20221014_122709
Mask lot	221013-S-L2-2-M2a-A-IN_D
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.11 l/min	29.51 Pa	70.00 Pa	✔ pass
Inhalation 2	94.80 l/min	92.29 Pa	240.00 Pa	✔ pass
Exhalation	160.03 l/min	162.26 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	14.10.2022	12:31:49	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.86 l/min
Generator air	2.49 l/min

Test conditions	
Temperature	26.23 °C
rel. humidity	3.26 %
Mass concentration	20.84 mg/m³

Mask information

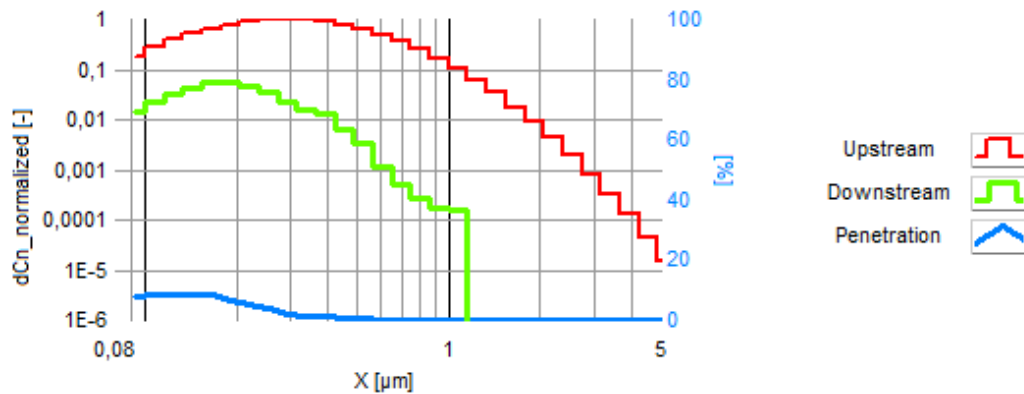
Mask ID	13868_20221014_123149
Mask lot	221013-S-L2-2-M2a-A-IN_D
Mask type	DMASKE / Chargentest / FFP 2

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)	8.38 %	20.00 %	✔ pass
P_m	0.41 %		
P_Ph_45°	0.99 %	6.00 %	✔ pass

Distributions



Calibration expired since 03.09.2022