

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Demet	10.03.2022	13:03:53	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.81 °C
Aerosol	Pressurized air	rel. humidity	2.44 %

Mask information

Mask ID	13868_20220310_130353
Mask lot	220310-F-L3-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.05 l/min	31.52 Pa	70.00 Pa	✔ pass
Inhalation 2	94.82 l/min	94.22 Pa	240.00 Pa	✔ pass
Exhalation	159.92 l/min	158.75 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Demet	10.03.2022	13:10:35	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.97 l/min
Generator air	2.62 l/min

Test conditions	
Temperature	22.85 °C
rel. humidity	2.32 %
Mass concentration	21.89 mg/m ³

Mask information

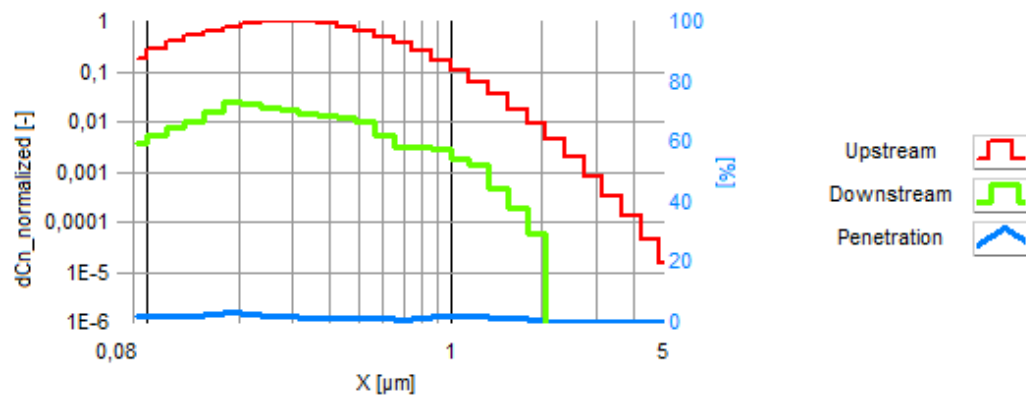
Mask ID	13868_20220310_131035
Mask lot	220310-F-L3-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	2.07 %	20.00 %	✓ pass
P_m	1.32 %		
P_Ph_45°	1.47 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022