

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Carsten	19.07.2022	13:01:38	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	28.57 °C
Aerosol	Pressurized air	rel. humidity	3.27 %

Mask information

Mask ID	13868_20220719_130138
Mask lot	220719-F-L4-1-M2a-A-IN_D_
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.10 l/min	24.95 Pa	70.00 Pa	✔ pass
Inhalation 2	94.94 l/min	105.22 Pa	240.00 Pa	✔ pass
Exhalation	160.02 l/min	204.80 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	19.07.2022	13:07:45	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.88 l/min
Generator air	2.49 l/min

Test conditions	
Temperature	28.77 °C
rel. humidity	3.50 %
Mass concentration	24.38 mg/m³

Mask information

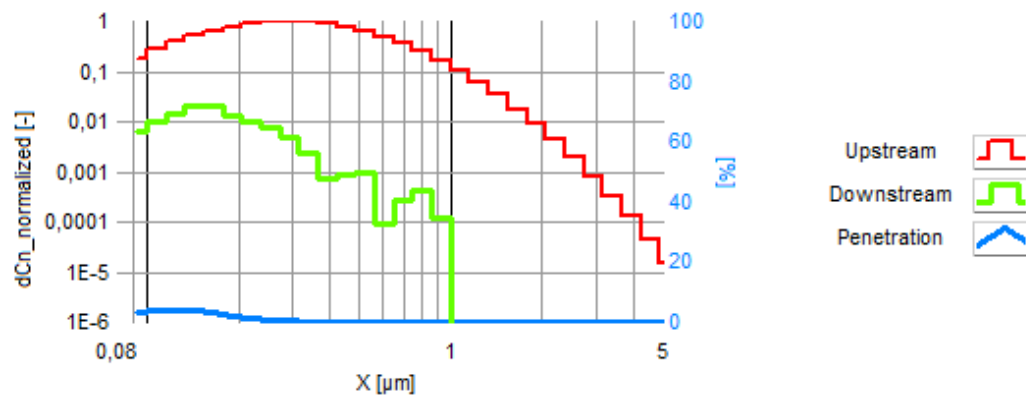
Mask ID	13868_20220719_130745
Mask lot	220719-F-L4-1-M2a-A-IN_D_
Mask type	DMASKE / Chargentest / FFP 2

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)	3.66 %	20.00 %	✔ pass
P_m	0.10 %		
P_Ph_45°	0.19 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022