

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Carsten	06.07.2022	12:47:37	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	23.69 °C
Aerosol	Pressurized air	rel. humidity	5.17 %

Mask information

Mask ID	13868_20220706_124737
Mask lot	220706-F-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.07 l/min	26.84 Pa	70.00 Pa	✔ pass
Inhalation 2	94.79 l/min	96.40 Pa	240.00 Pa	✔ pass
Exhalation	159.86 l/min	183.98 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	06.07.2022	12:54:55	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.80 l/min
Generator air	2.44 l/min

Test conditions	
Temperature	23.88 °C
rel. humidity	4.40 %
Mass concentration	16.54 mg/m³

Mask information

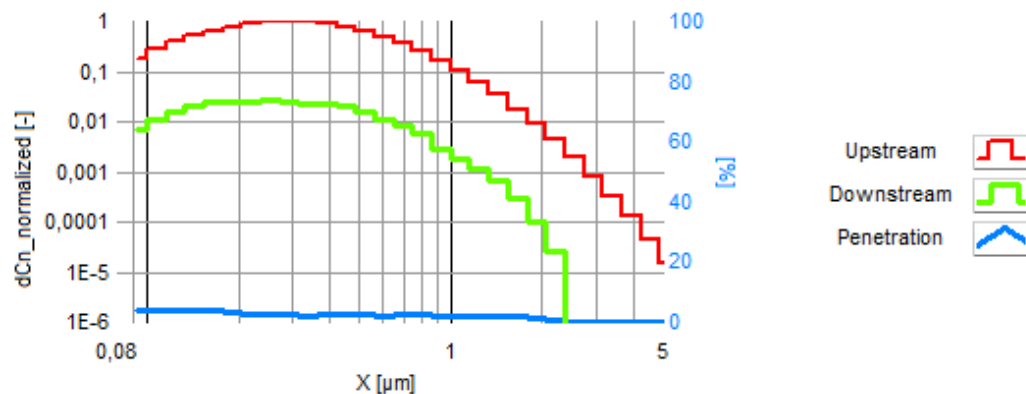
Mask ID	13868_20220706_125455
Mask lot	220706-F-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

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)	3.98 %	20.00 %	✓ pass
P_m	1.92 %		
P_Ph_45°	2.31 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022