

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Carsten	19.07.2022	13:15:51	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	28.97 °C
Aerosol	Pressurized air	rel. humidity	2.33 %

Mask information

Mask ID	13868_20220719_131551
Mask lot	220719-F-L5-1-LK-A-IN_D_
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.29 l/min	32.28 Pa	70.00 Pa	✔ pass
Inhalation 2	94.78 l/min	123.28 Pa	240.00 Pa	✔ pass
Exhalation	160.04 l/min	226.67 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	13:19:44	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.83 l/min
Generator air	2.43 l/min

Test conditions	
Temperature	29.06 °C
rel. humidity	2.82 %
Mass concentration	21.55 mg/m³

Mask information

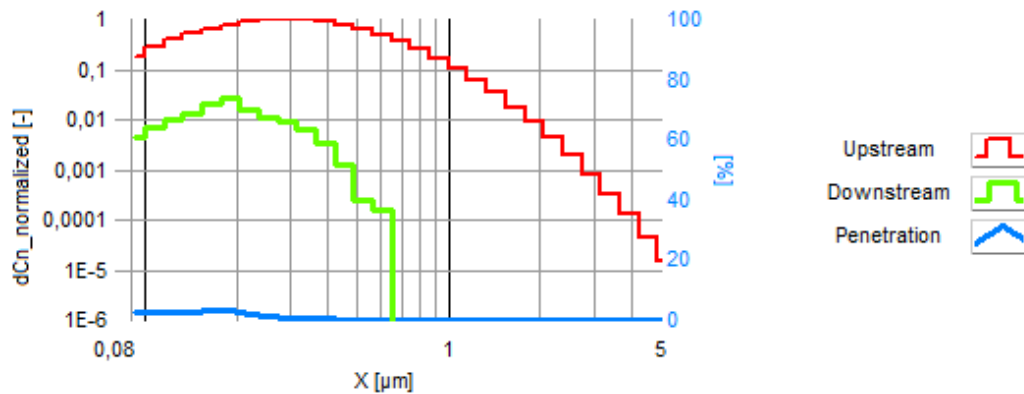
Mask ID	13868_20220719_131944
Mask lot	220719-F-L5-1-LK-A-IN_D_
Mask type	DMASKE / Chargentest / FFP 2

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)	2.71 %	20.00 %	✔ pass
P_m	0.11 %		
P_Ph_45°	0.30 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022