

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Carsten	21.07.2022	10:10:17	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	29.65 °C
Aerosol	Pressurized air	rel. humidity	1.87 %

Mask information

Mask ID	13868_20220721_101017
Mask lot	220720-F-L4-1-M2bgr-A-IN_
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.22 l/min	42.73 Pa	70.00 Pa	✔ pass
Inhalation 2	94.82 l/min	128.55 Pa	240.00 Pa	✔ pass
Exhalation	160.00 l/min	219.68 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	21.07.2022	10:14:44	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	29.67 °C
rel. humidity	4.27 %
Mass concentration	19.36 mg/m ³

Mask information

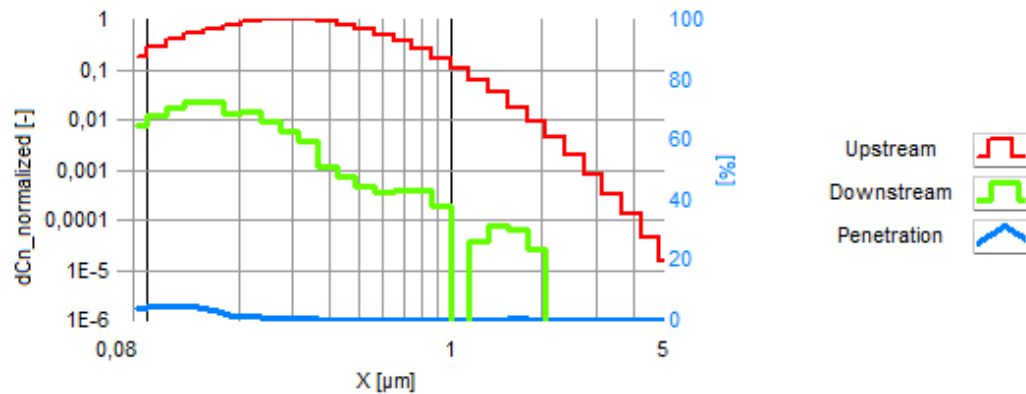
Mask ID	13868_20220721_101444
Mask lot	220720-F-L4-1-M2bgr-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	4.15 %	20.00 %	✔ pass
P_m	0.17 %		
P_Ph_45°	0.25 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022