

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad	12.08.2022	14:01:09	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	26.03 °C
Aerosol	Pressurized air	rel. humidity	2.81 %

Mask information

Mask ID	13868_20220812_140109
Mask lot	220812-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.32 l/min	25.18 Pa	70.00 Pa	✔ pass
Inhalation 2	94.68 l/min	97.39 Pa	240.00 Pa	✔ pass
Exhalation	160.01 l/min	176.16 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad	12.08.2022	14:06:44	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.95 l/min
Generator air	2.59 l/min

Test conditions	
Temperature	26.16 °C
rel. humidity	2.33 %
Mass concentration	29.22 mg/m ³

Mask information

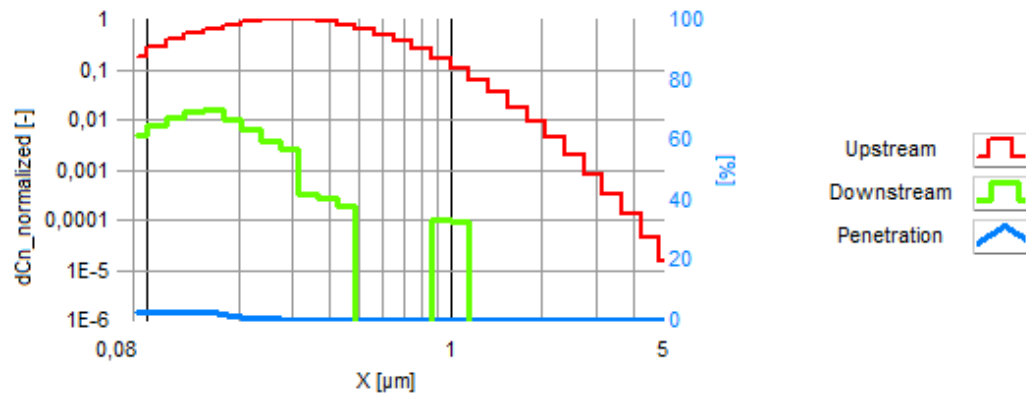
Mask ID	13868_20220812_140644
Mask lot	220812-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	2.74 %	20.00 %	✔ pass
P_m	0.05 %		
P_Ph_45°	0.08 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022