

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad	14.07.2022	09:20:49	1.11.1.0

Basic information

Operation parameter	
Script	Atemwiderstand
Aerosol	Pressurized air

Test conditions	
Temperature	27.10 °C
rel. humidity	2.51 %

Mask information

Mask ID	13868_20220714_092049
Mask lot	220714-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.10 l/min	31.80 Pa	70.00 Pa	✔ pass
Inhalation 2	94.87 l/min	104.44 Pa	240.00 Pa	✔ pass
Exhalation	160.07 l/min	183.78 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad	14.07.2022	09:24:35	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.86 l/min
Generator air	2.49 l/min

Test conditions	
Temperature	27.10 °C
rel. humidity	1.95 %
Mass concentration	20.07 mg/m ³

Mask information

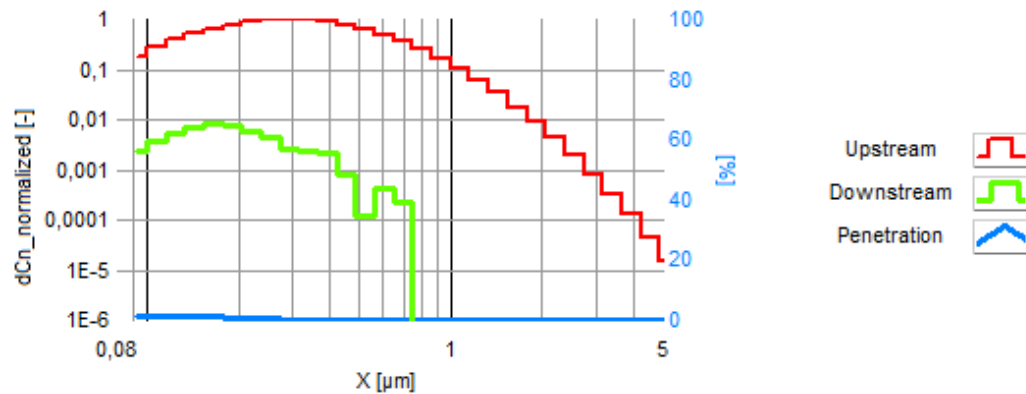
Mask ID	13868_20220714_092435
Mask lot	220714-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	1.36 %	20.00 %	✓ pass
P_m	0.06 %		
P_Ph_45°	0.14 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022