

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Demet	22.04.2022	12:03:34	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.03 °C
Aerosol	Pressurized air	rel. humidity	2.48 %

Mask information

Mask ID	13868_20220422_120334
Mask lot	220422-F-L4-2-2b-bl-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.16 l/min	38.42 Pa	70.00 Pa	✔ pass
Inhalation 2	94.79 l/min	115.23 Pa	240.00 Pa	✔ pass
Exhalation	159.89 l/min	195.34 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Demet	22.04.2022	12:09:24	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.96 l/min
Generator air	2.62 l/min

Test conditions	
Temperature	22.12 °C
rel. humidity	2.42 %
Mass concentration	18.48 mg/m³

Mask information

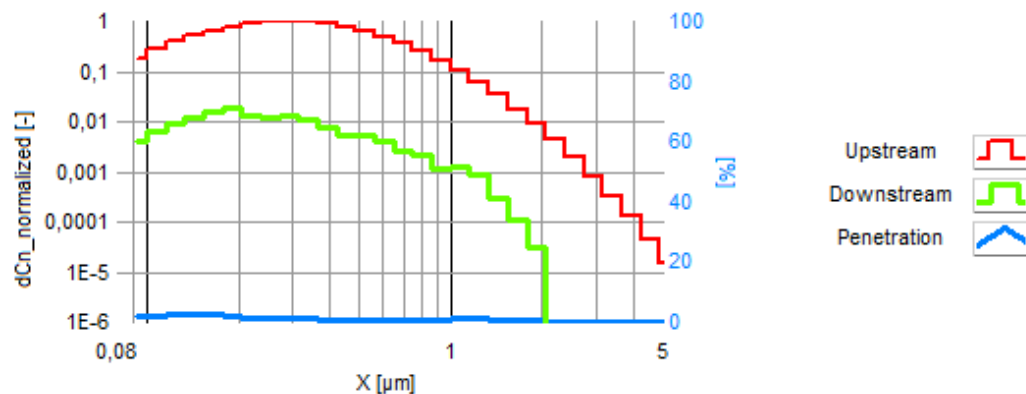
Mask ID	13868_20220422_120924
Mask lot	220422-F-L4-2-2b-bl-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	2.33 %	20.00 %	✓ pass
P_m	0.83 %		
P_Ph_45°	0.92 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022