

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Carsten	03.08.2022	11:01:39	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	26.03 °C
Aerosol	Pressurized air	rel. humidity	3.70 %

Mask information

Mask ID	13868_20220803_110139
Mask lot	220803-F-L4-2-M2b-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.11 l/min	31.93 Pa	70.00 Pa	✔ pass
Inhalation 2	94.82 l/min	105.16 Pa	240.00 Pa	✔ pass
Exhalation	159.95 l/min	181.37 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	03.08.2022	11:06:18	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.98 l/min
Generator air	2.75 l/min

Test conditions	
Temperature	26.23 °C
rel. humidity	4.33 %
Mass concentration	20.95 mg/m ³

Mask information

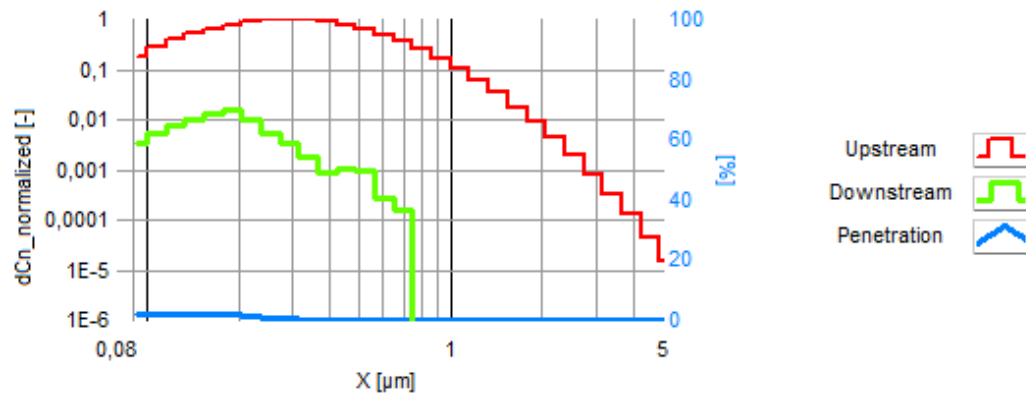
Mask ID	13868_20220803_110618
Mask lot	220803-F-L4-2-M2b-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

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)	2.00 %	20.00 %	✔ pass
P_m	0.07 %		
P_Ph_45°	0.15 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022