

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Carsten	05.08.2022	09:47:06	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	25.64 °C
Aerosol	Pressurized air	rel. humidity	2.35 %

Mask information

Mask ID	13868_20220805_094706
Mask lot	220805-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.19 l/min	36.02 Pa	70.00 Pa	✔ pass
Inhalation 2	94.85 l/min	115.37 Pa	240.00 Pa	✔ pass
Exhalation	160.03 l/min	199.83 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Version
Carsten	05.08.2022	09:52:07	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	95.02 l/min
Generator air	2.78 l/min

Test conditions	
Temperature	25.68 °C
rel. humidity	3.71 %
Mass concentration	19.94 mg/m ³

Mask information

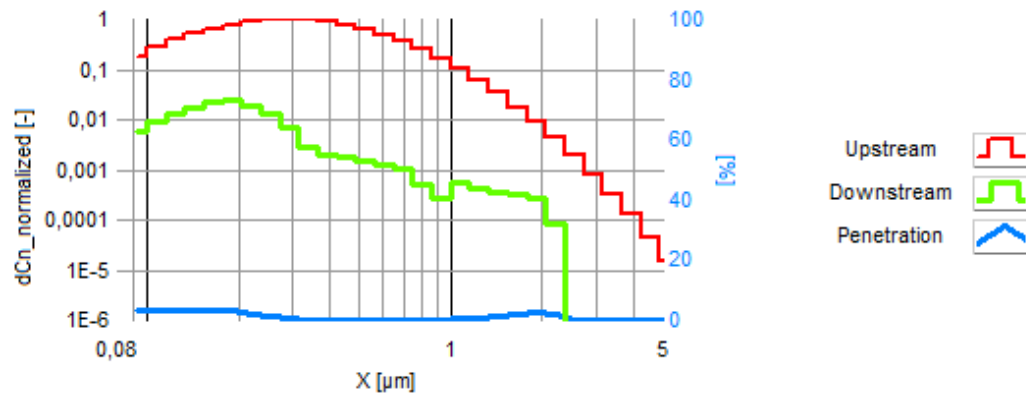
Mask ID	13868_20220805_095207
Mask lot	220805-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	3.34 %	20.00 %	✔ pass
P_m	0.66 %		
P_Ph_45°	0.47 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022