

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Carsten	01.08.2022	12:50:46	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	24.47 °C
Aerosol	Pressurized air	rel. humidity	4.72 %

Mask information

Mask ID	13868_20220801_125046
Mask lot	220801-F-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.17 l/min	30.24 Pa	70.00 Pa	✔ pass
Inhalation 2	95.02 l/min	115.83 Pa	240.00 Pa	✔ pass
Exhalation	159.97 l/min	207.18 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	01.08.2022	12:55:27	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	95.05 l/min
Generator air	2.79 l/min

Test conditions	
Temperature	24.73 °C
rel. humidity	5.29 %
Mass concentration	13.15 mg/m ³

Mask information

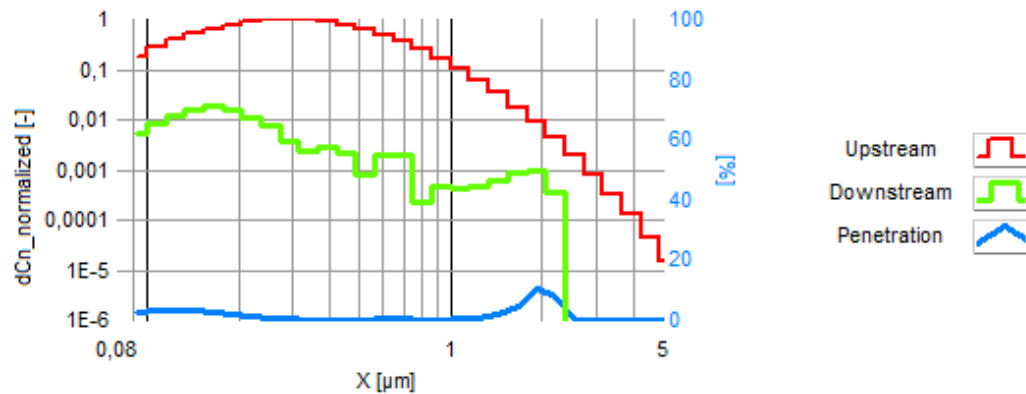
Mask ID	13868_20220801_125527
Mask lot	220801-F-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

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)	2.97 %	20.00 %	✔ pass
P_m	1.40 %		
P_Ph_45°	0.63 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022