

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad Benchakroun	14.12.2021	08:56:10	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	21.85 °C
Aerosol	Pressurized air	rel. humidity	2.83 %

Mask information

Mask ID	13868_20211214_085610
Mask lot	211208-S-L2-1-MXS-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.04 l/min	37.83 Pa	70.00 Pa	✔ pass
Inhalation 2	94.74 l/min	109.18 Pa	240.00 Pa	✔ pass
Exhalation	160.01 l/min	181.02 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	14.12.2021	09:01:26	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.98 l/min
Generator air	2.63 l/min

Test conditions	
Temperature	22.03 °C
rel. humidity	2.76 %
Mass concentration	19.11 mg/m ³

Mask information

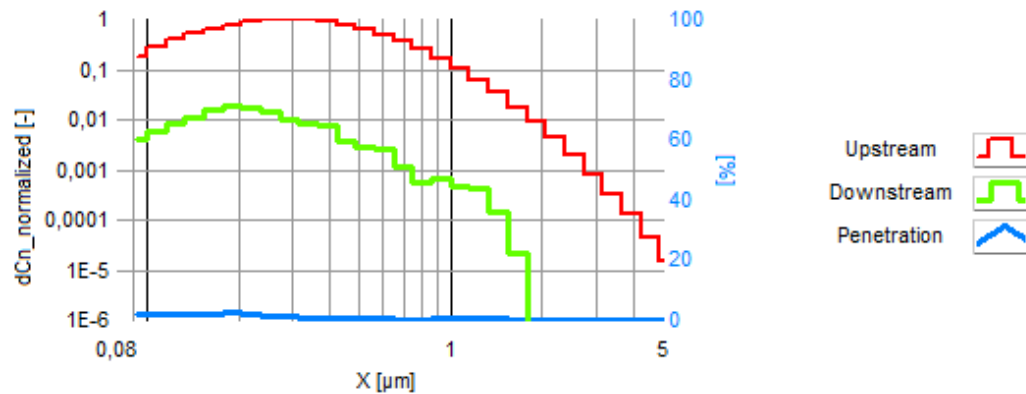
Mask ID	13868_20211214_090126
Mask lot	211208-S-L2-1-MXS-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	2.19 %	30.00 %	✓ pass
P_m	0.44 %		
P_Ph_45°	0.63 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022