

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad Benchakroun	27.04.2022	12:26:16	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.32 °C
Aerosol	Pressurized air	rel. humidity	2.93 %

Mask information

Mask ID	13868_20220427_122616
Mask lot	220427-F-L5-2-MLK-GR-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.11 l/min	35.03 Pa	70.00 Pa	✔ pass
Inhalation 2	94.66 l/min	104.36 Pa	240.00 Pa	✔ pass
Exhalation	159.90 l/min	180.67 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	27.04.2022	12:30:23	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Effizienz Test (Öl)	Temperature	22.40 °C
Aerosol	Oil	rel. humidity	2.54 %
Main air	94.95 l/min	Mass concentration	21.05 mg/m³
Generator air	2.59 l/min		

Mask information

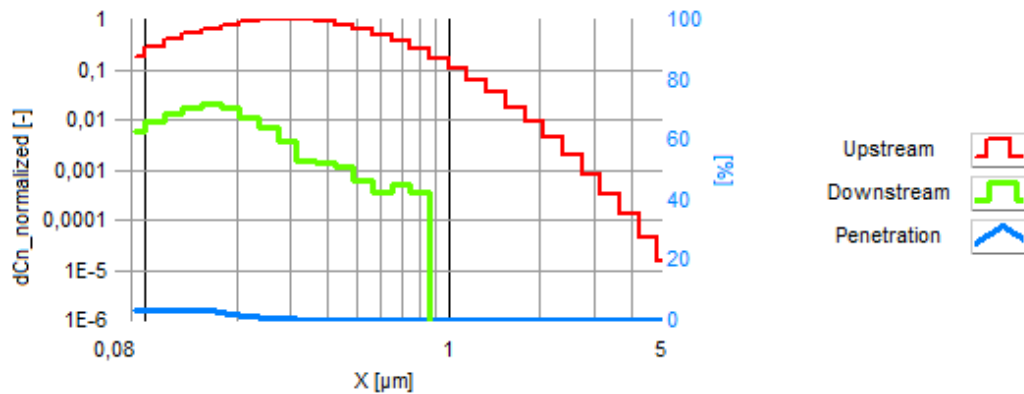
Mask ID	13868_20220427_123023
Mask lot	220427-F-L5-2-MLK-GR-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	3.35 %	20.00 %	✓ pass
P_m	0.10 %		
P_Ph_45°	0.19 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022