

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Svenja Wilk	23.09.2021	15:11:43	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	24.66 °C
Aerosol	Pressurized air	rel. humidity	2.64 %

Mask information

Mask ID	13868_20210923_151143
Mask lot	210921-S-L1-002-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.23 l/min	32.74 Pa	70.00 Pa	✔ pass
Inhalation 2	94.80 l/min	106.80 Pa	240.00 Pa	✔ pass
Exhalation	159.98 l/min	180.44 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Svenja Wilk	23.09.2021	15:19:34	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.94 l/min
Generator air	2.59 l/min

Test conditions	
Temperature	24.66 °C
rel. humidity	2.33 %
Mass concentration	10.10 mg/m³

Mask information

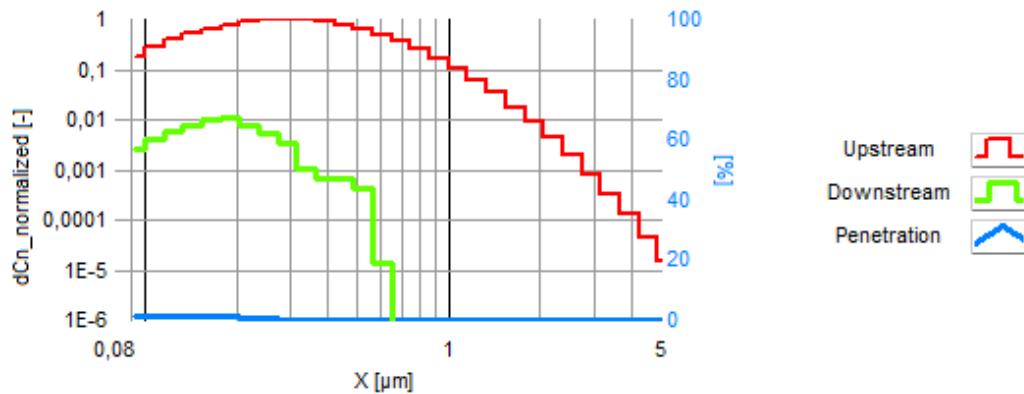
Mask ID	13868_20210923_151934
Mask lot	210921-S-L1-002-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	1.46 %	30.00 %	✓ pass
P_m	0.04 %		
P_Ph_45°	0.11 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022