

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Svenja Wilk	25.10.2021	16:27:36	1.11.1.0

Basic information




Operation parameter	
Script	Atemwiderstand
Aerosol	Pressurized air

Test conditions	
Temperature	21.64 °C
rel. humidity	4.05 %

Mask information

Mask ID	13868_20211025_162736
Mask lot	20211025-F-L1-002-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.03 l/min	36.41 Pa	70.00 Pa	 pass
Inhalation 2	94.80 l/min	114.88 Pa	240.00 Pa	 pass
Exhalation	159.84 l/min	198.46 Pa	300.00 Pa	 pass

Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Svenja Wilk	25.10.2021	16:35:40	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.88 l/min
Generator air	2.53 l/min

Test conditions	
Temperature	21.73 °C
rel. humidity	3.30 %
Mass concentration	17.52 mg/m³

Mask information

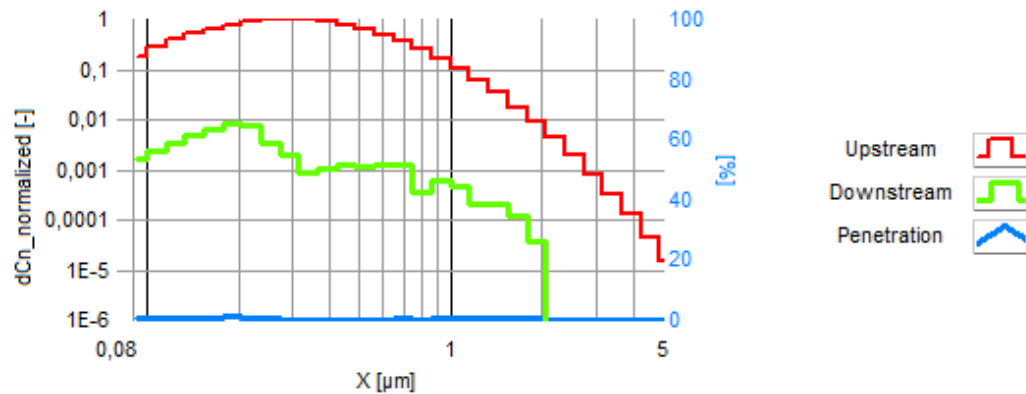
Mask ID	13868_20211025_163540
Mask lot	20211025-F-L1-002-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	0.91 %	30.00 %	✓ pass
P_m	0.31 %		
P_Ph_45°	0.25 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022