

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Svenja Wilk	20.09.2021	16:28:36	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	23.03 °C
Aerosol	Pressurized air	rel. humidity	2.94 %

Mask information

Mask ID	13868_20210920_162836
Mask lot	210916-F-L1-002-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.16 l/min	53.47 Pa	70.00 Pa	✔ pass
Inhalation 2	94.68 l/min	169.99 Pa	240.00 Pa	✔ pass
Exhalation	159.97 l/min	277.32 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Svenja Wilk	20.09.2021	16:33:02	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.91 l/min
Generator air	2.53 l/min

Test conditions	
Temperature	23.02 °C
rel. humidity	2.74 %
Mass concentration	16.48 mg/m³

Mask information

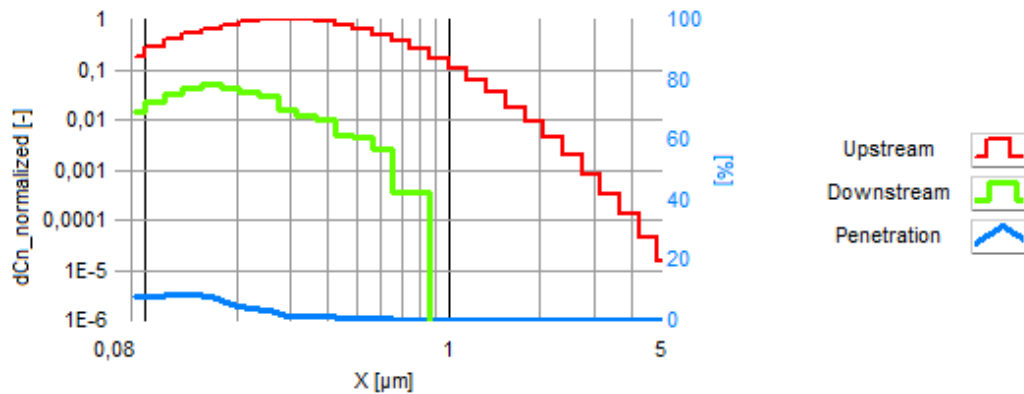
Mask ID	13868_20210920_163302
Mask lot	210916-F-L1-002-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	8.10 %	30.00 %	✓ pass
P_m	0.36 %		
P_Ph_45°	0.82 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022