

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	21.03.2022	12:05:55	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	20.95 °C
Aerosol	Pressurized air	rel. humidity	3.41 %

Mask information

Mask ID	13868_20220321_120555
Mask lot	220319-F-L5-2-LK-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.07 l/min	31.23 Pa	70.00 Pa	✔ pass
Inhalation 2	94.86 l/min	97.81 Pa	240.00 Pa	✔ pass
Exhalation	159.97 l/min	163.05 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	21.03.2022	12:10:19	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.87 l/min
Generator air	2.68 l/min

Test conditions	
Temperature	20.95 °C
rel. humidity	2.83 %
Mass concentration	21.22 mg/m³

Mask information

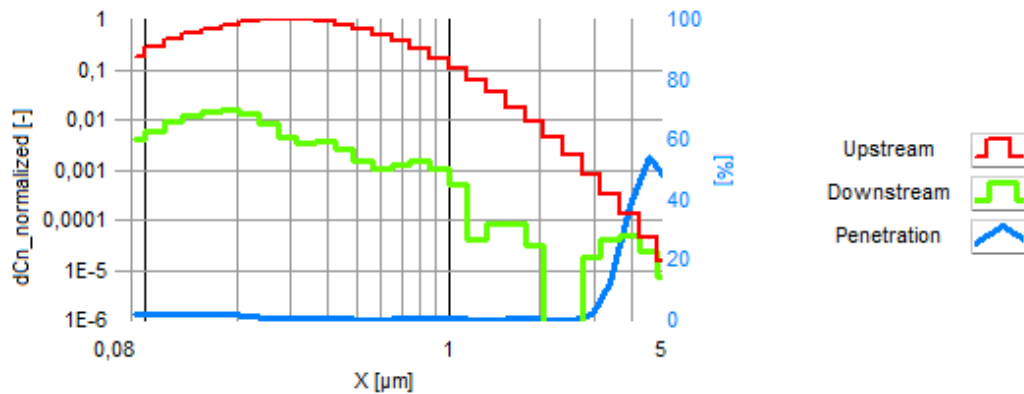
Mask ID	13868_20220321_121019
Mask lot	220319-F-L5-2-LK-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	2.24 %	20.00 %	✓ pass
P_m	1.00 %		
P_Ph_45°	0.49 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022