

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	07.01.2022	09:54:02	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	20.93 °C
Aerosol	Pressurized air	rel. humidity	2.93 %

Mask information

Mask ID	13868_20220107_095402
Mask lot	220107-F-L3-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.03 l/min	40.74 Pa	70.00 Pa	✔ pass
Inhalation 2	94.71 l/min	106.60 Pa	240.00 Pa	✔ pass
Exhalation	160.05 l/min	174.73 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	07.01.2022	09:58:28	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.84 l/min
Generator air	2.68 l/min

Test conditions	
Temperature	20.95 °C
rel. humidity	2.83 %
Mass concentration	19.28 mg/m ³

Mask information

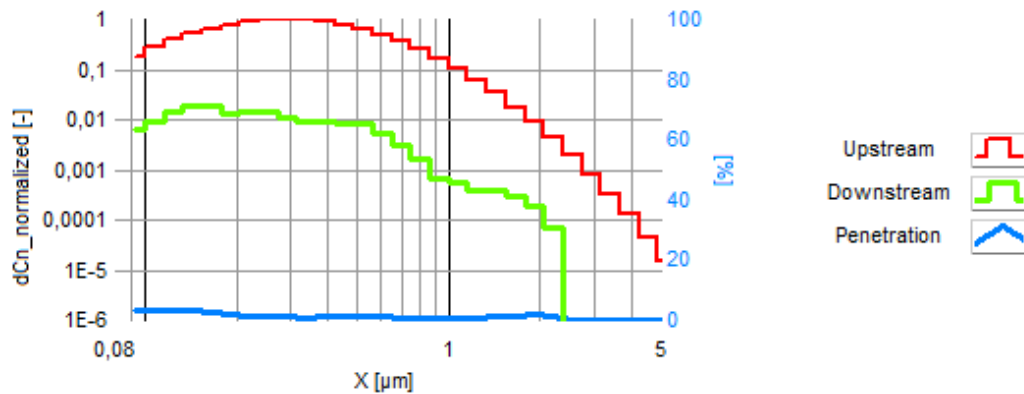
Mask ID	13868_20220107_095828
Mask lot	220107-F-L3-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	3.36 %	6.00 %	✔ pass
P_m	0.93 %		
P_Ph_45°	1.01 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022