

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Asijat Gotschiyaeva	07.06.2022	12:56:21	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.33 °C
Aerosol	Pressurized air	rel. humidity	9.37 %

Mask information

Mask ID	13868_20220607_125621
Mask lot	220607-F-L1-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.24 l/min	26.45 Pa	70.00 Pa	✔ pass
Inhalation 2	94.77 l/min	91.53 Pa	240.00 Pa	✔ pass
Exhalation	159.94 l/min	158.87 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Asijat Gotschiyaeva	07.06.2022	13:00:19	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	95.00 l/min
Generator air	2.62 l/min

Test conditions	
Temperature	22.42 °C
rel. humidity	9.34 %
Mass concentration	19.04 mg/m ³

Mask information

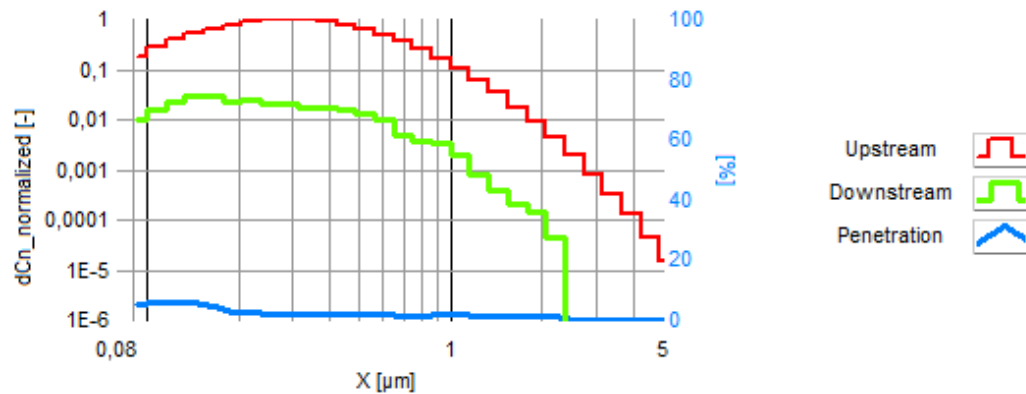
Mask ID	13868_20220607_130019
Mask lot	220607-F-L1-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	5.48 %	20.00 %	✔ pass
P_m	1.59 %		
P_Ph_45°	1.85 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022