

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	18.02.2022	10:23:41	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.03 °C
Aerosol	Pressurized air	rel. humidity	3.42 %

Mask information

Mask ID	13868_20220218_102341
Mask lot	220218-F-L3-2-M2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.03 l/min	41.51 Pa	70.00 Pa	✔ pass
Inhalation 2	94.67 l/min	112.39 Pa	240.00 Pa	✔ pass
Exhalation	159.97 l/min	186.67 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	18.02.2022	11:13:34	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.81 l/min
Generator air	2.68 l/min

Test conditions	
Temperature	22.71 °C
rel. humidity	3.02 %
Mass concentration	19.04 mg/m ³

Mask information

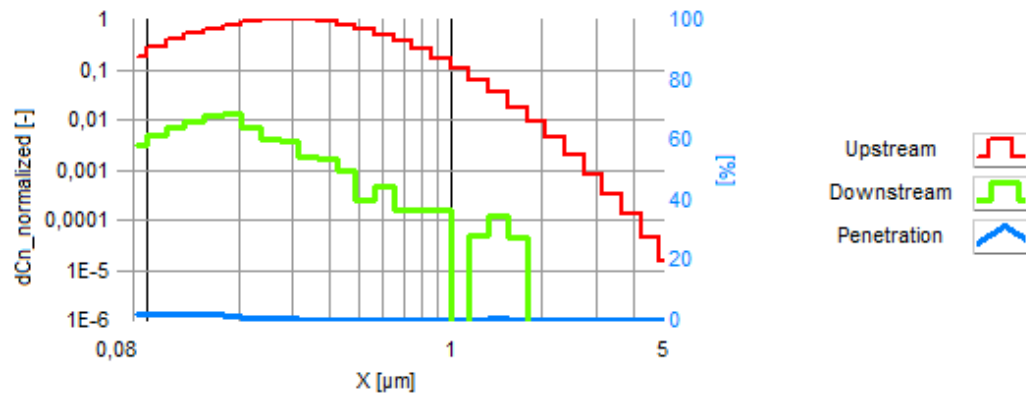
Mask ID	13868_20220218_111334
Mask lot	220218-F-L3-2-M2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	1.78 %	20.00 %	✓ pass
P_m	0.12 %		
P_Ph_45°	0.17 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022