

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	17.03.2022	11:02:10	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	23.00 °C
Aerosol	Pressurized air	rel. humidity	3.22 %

Mask information

Mask ID	13868_20220317_110210
Mask lot	220317-F-L1-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.02 l/min	34.24 Pa	70.00 Pa	✔ pass
Inhalation 2	94.59 l/min	100.03 Pa	240.00 Pa	✔ pass
Exhalation	159.88 l/min	169.43 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	17.03.2022	11:07:10	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.97 l/min
Generator air	2.63 l/min

Test conditions	
Temperature	23.19 °C
rel. humidity	2.64 %
Mass concentration	19.80 mg/m ³

Mask information

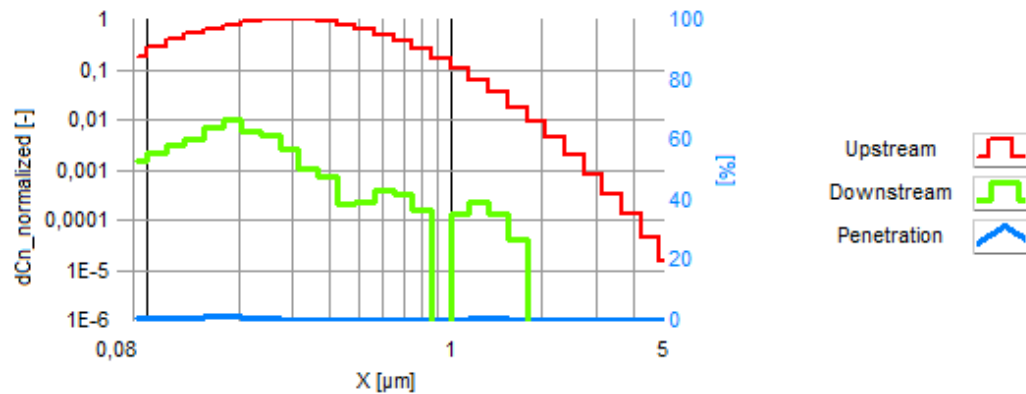
Mask ID	13868_20220317_110710
Mask lot	220317-F-L1-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	0.88 %	20.00 %	✔ pass
P_m	0.14 %		
P_Ph_45°	0.13 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022