

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	21.02.2022	15:40:27	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.32 °C
Aerosol	Pressurized air	rel. humidity	3.23 %

Mask information

Mask ID	13868_20220221_154027
Mask lot	220221-F-L3-2-M2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.11 l/min	36.91 Pa	70.00 Pa	✔ pass
Inhalation 2	94.80 l/min	107.22 Pa	240.00 Pa	✔ pass
Exhalation	159.96 l/min	182.85 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	21.02.2022	16:05:44	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Effizienz Test (Öl)	Temperature	22.42 °C
Aerosol	Oil	rel. humidity	2.50 %
Main air	94.95 l/min	Mass concentration	18.64 mg/m ³
Generator air	2.59 l/min		

Mask information

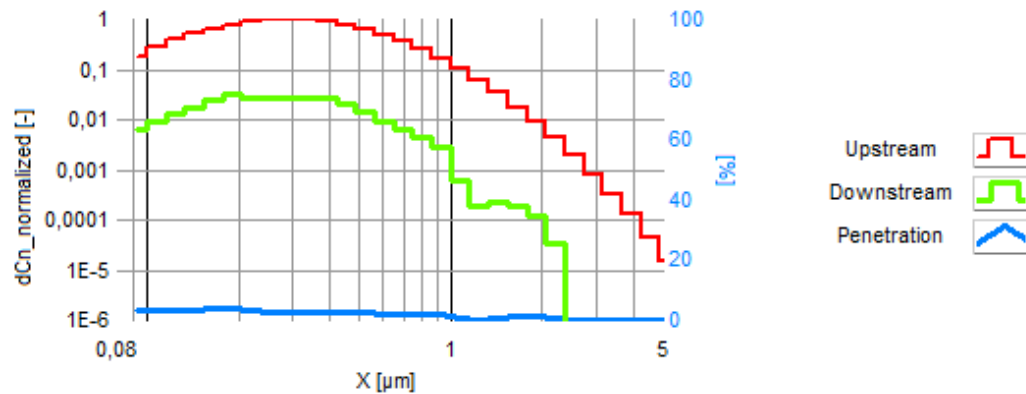
Mask ID	13868_20220221_160544
Mask lot	220221-F-L3-2-M2-B-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	3.53 %	20.00 %	✓ pass
P_m	1.49 %		
P_Ph_45°	2.18 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022