

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad Benchakroun	03.05.2022	11:22:28	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.71 °C
Aerosol	Pressurized air	rel. humidity	3.45 %

Mask information

Mask ID	13868_20220503_112228
Mask lot	220429-F-L5-2-MLK-RT-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.02 l/min	36.16 Pa	70.00 Pa	✔ pass
Inhalation 2	94.77 l/min	110.33 Pa	240.00 Pa	✔ pass
Exhalation	159.93 l/min	180.05 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	03.05.2022	11:28:22	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.89 l/min
Generator air	2.68 l/min

Test conditions	
Temperature	22.71 °C
rel. humidity	3.20 %
Mass concentration	19.73 mg/m³

Mask information

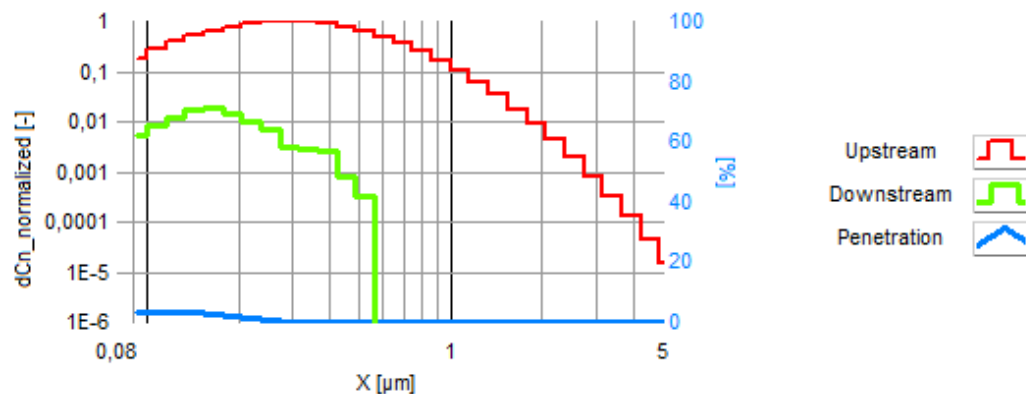
Mask ID	13868_20220503_112822
Mask lot	220429-F-L5-2-MLK-RT-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	3.14 %	20.00 %	✓ pass
P_m	0.07 %		
P_Ph_45°	0.17 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022