

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad Benchakroun	19.01.2022	08:56:52	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	20.46 °C
Aerosol	Pressurized air	rel. humidity	3.26 %

Mask information

Mask ID	13868_20220119_085652
Mask lot	220119-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.17 l/min	38.02 Pa	70.00 Pa	✔ pass
Inhalation 2	94.80 l/min	105.31 Pa	240.00 Pa	✔ pass
Exhalation	160.03 l/min	174.46 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	19.01.2022	09:00:40	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.87 l/min
Generator air	2.75 l/min

Test conditions	
Temperature	20.56 °C
rel. humidity	3.03 %
Mass concentration	19.60 mg/m ³

Mask information

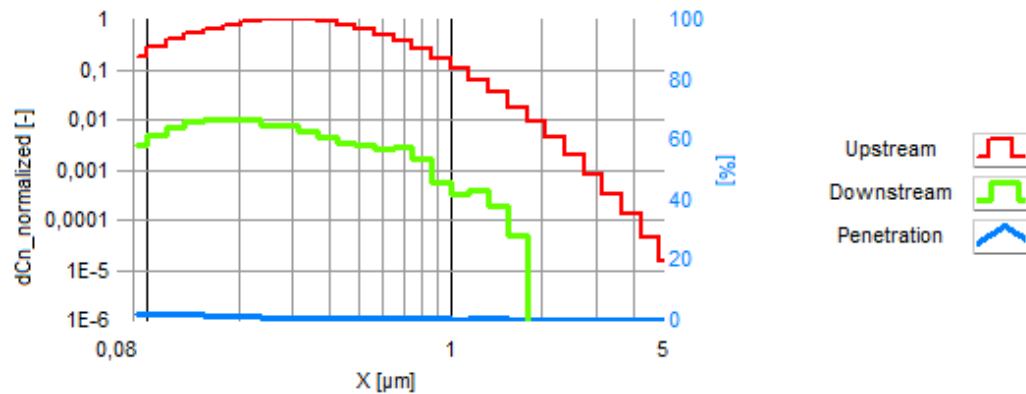
Mask ID	13868_20220119_090040
Mask lot	220119-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	1.68 %	6.00 %	✓ pass
P_m	0.46 %		
P_Ph_45°	0.56 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022