

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad Benchakroun	14.02.2022	08:59:51	1.11.1.0

Basic information

Operation parameter	
Script	Atemwiderstand
Aerosol	Pressurized air

Test conditions	
Temperature	19.98 °C
rel. humidity	3.81 %

Mask information

Mask ID	13868_20220214_085951
Mask lot	220214-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.00 l/min	34.18 Pa	70.00 Pa	✔ pass
Inhalation 2	94.87 l/min	106.12 Pa	240.00 Pa	✔ pass
Exhalation	159.91 l/min	182.94 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	14.02.2022	09:05:13	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.80 l/min
Generator air	2.68 l/min

Test conditions	
Temperature	19.98 °C
rel. humidity	3.28 %
Mass concentration	18.94 mg/m³

Mask information

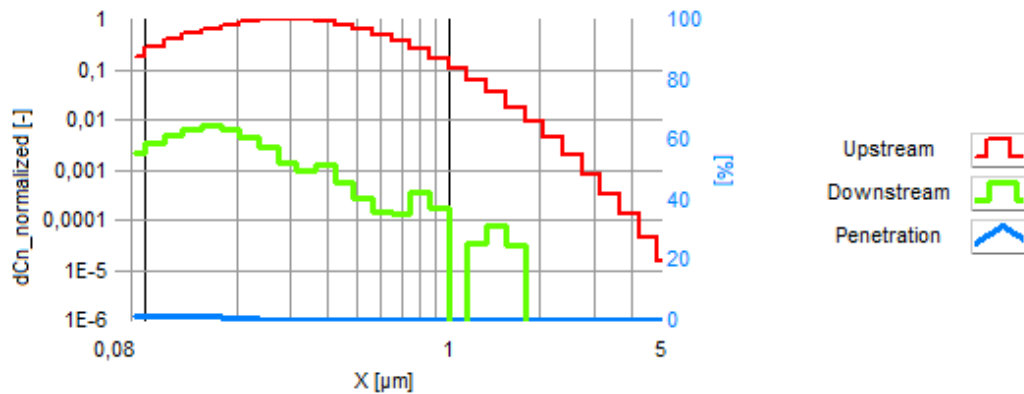
Mask ID	13868_20220214_090513
Mask lot	220214-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	1.20 %	20.00 %	✓ pass
P_m	0.09 %		
P_Ph_45°	0.11 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022