

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad Benchakroun	14.12.2021	09:23:38	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.32 °C
Aerosol	Pressurized air	rel. humidity	2.98 %

Mask information

Mask ID	13868_20211214_092338
Mask lot	211211-F-L2-1-MXS-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.04 l/min	36.65 Pa	70.00 Pa	✔ pass
Inhalation 2	94.76 l/min	112.47 Pa	240.00 Pa	✔ pass
Exhalation	159.93 l/min	185.83 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	14.12.2021	09:27:51	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.98 l/min
Generator air	2.63 l/min

Test conditions	
Temperature	22.32 °C
rel. humidity	2.71 %
Mass concentration	18.53 mg/m ³

Mask information

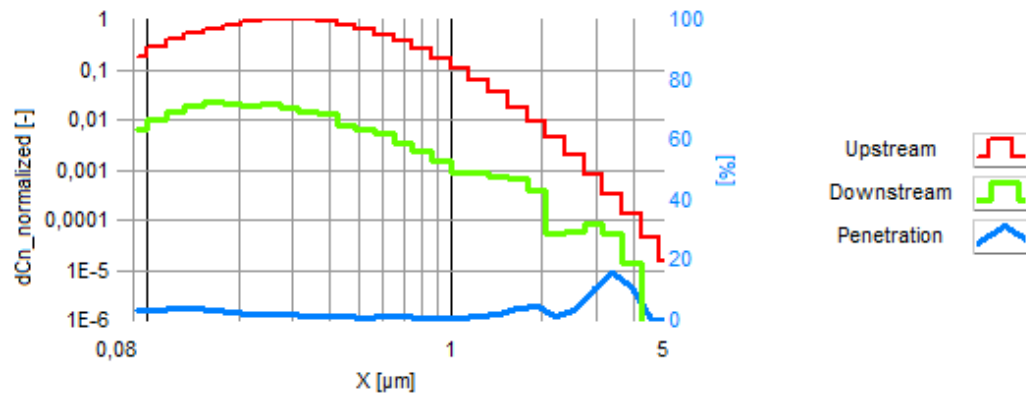
Mask ID	13868_20211214_092751
Mask lot	211211-F-L2-1-MXS-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	3.54 %	30.00 %	✔ pass
P_m	1.86 %		
P_Ph_45°	1.40 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022