

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad Benchakroun	14.12.2021	14:15:31	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	24.17 °C
Aerosol	Pressurized air	rel. humidity	3.21 %

Mask information

Mask ID	13868_20211214_141531
Mask lot	211214-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	29.38 Pa	70.00 Pa	✔ pass
Inhalation 2	94.74 l/min	96.36 Pa	240.00 Pa	✔ pass
Exhalation	159.96 l/min	204.07 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	14:20:12	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	24.18 °C
rel. humidity	2.56 %
Mass concentration	20.06 mg/m ³

Mask information

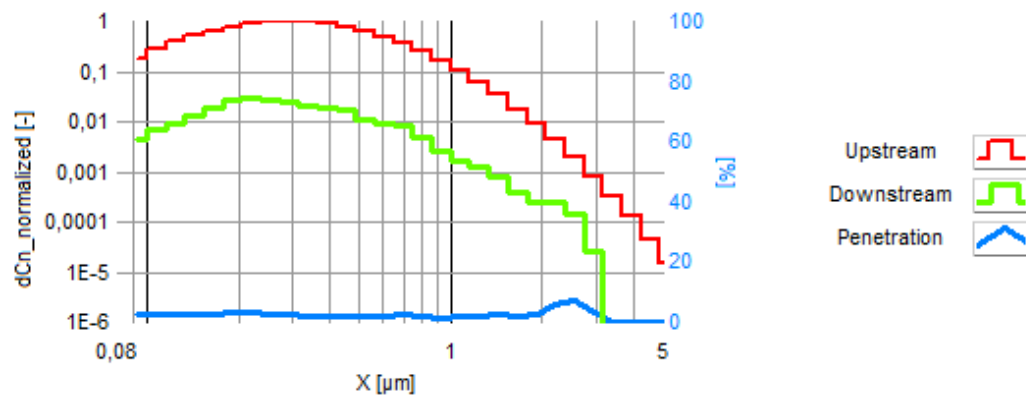
Mask ID	13868_20211214_142012
Mask lot	211214-F-L2-1-MXS-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	2.54 %	30.00 %	✔ pass
P_m	2.26 %		
P_Ph_45°	2.16 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022