

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad Benchakroun	29.03.2022	08:49:55	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	21.72 °C
Aerosol	Pressurized air	rel. humidity	4.11 %

Mask information

Mask ID	13868_20220329_084955
Mask lot	20329-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.02 l/min	42.85 Pa	70.00 Pa	✔ pass
Inhalation 2	94.74 l/min	110.83 Pa	240.00 Pa	✔ pass
Exhalation	159.95 l/min	180.67 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	29.03.2022	08:54:07	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.90 l/min
Generator air	2.75 l/min

Test conditions	
Temperature	21.71 °C
rel. humidity	3.27 %
Mass concentration	22.13 mg/m ³

Mask information

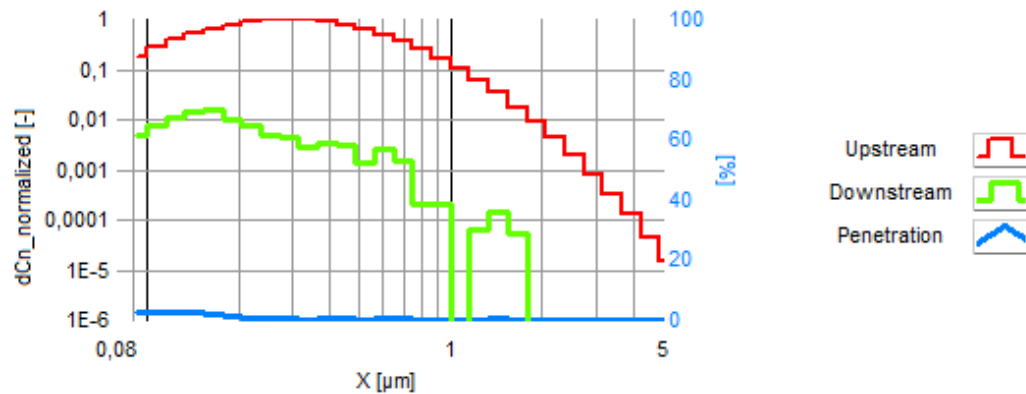
Mask ID	13868_20220329_085407
Mask lot	20329-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	2.62 %	20.00 %	✓ pass
P_m	0.24 %		
P_Ph_45°	0.34 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022