

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad Benchakroun	04.04.2022	10:38:07	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	17.89 °C
Aerosol	Pressurized air	rel. humidity	4.50 %

Mask information

Mask ID	13868_20220404_103807
Mask lot	220401-F-L5-2-MLK-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.02 l/min	24.84 Pa	70.00 Pa	✔ pass
Inhalation 2	94.60 l/min	76.19 Pa	240.00 Pa	✔ pass
Exhalation	159.89 l/min	145.20 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	04.04.2022	10:41:39	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.81 l/min
Generator air	2.93 l/min

Test conditions	
Temperature	17.92 °C
rel. humidity	3.81 %
Mass concentration	23.04 mg/m ³

Mask information

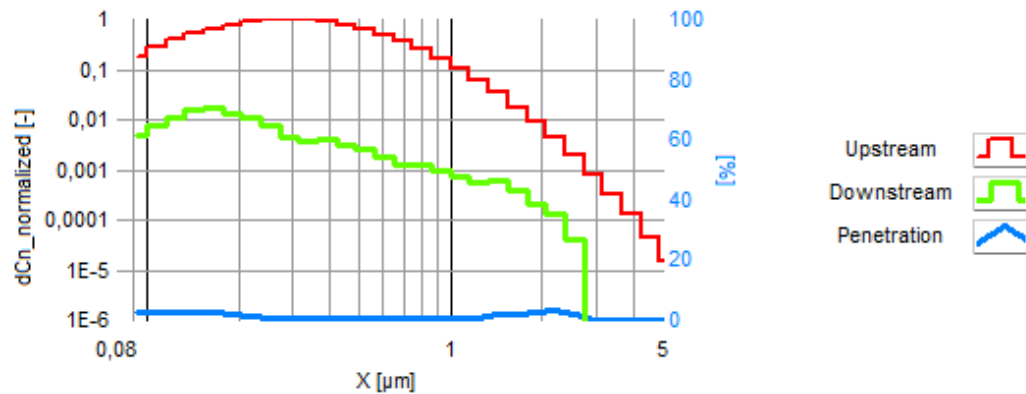
Mask ID	13868_20220404_104139
Mask lot	220401-F-L5-2-MLK-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	2.84 %	20.00 %	✔ pass
P_m	0.91 %		
P_Ph_45°	0.59 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022