

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Christopher Reinhold	30.09.2021	11:53:26	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	21.66 °C
Aerosol	Pressurized air	rel. humidity	3.86 %

Mask information

Mask ID	13868_20210930_115326
Mask lot	210930-F-03-2-A-IN
Mask type	DMASKE / Chagentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.10 l/min	31.42 Pa	70.00 Pa	✔ pass
Inhalation 2	94.74 l/min	100.10 Pa	240.00 Pa	✔ pass
Exhalation	160.01 l/min	174.91 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Christopher Reinhold	30.09.2021	11:57:48	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.93 l/min
Generator air	2.69 l/min

Test conditions	
Temperature	21.73 °C
rel. humidity	3.11 %
Mass concentration	12.78 mg/m³

Mask information

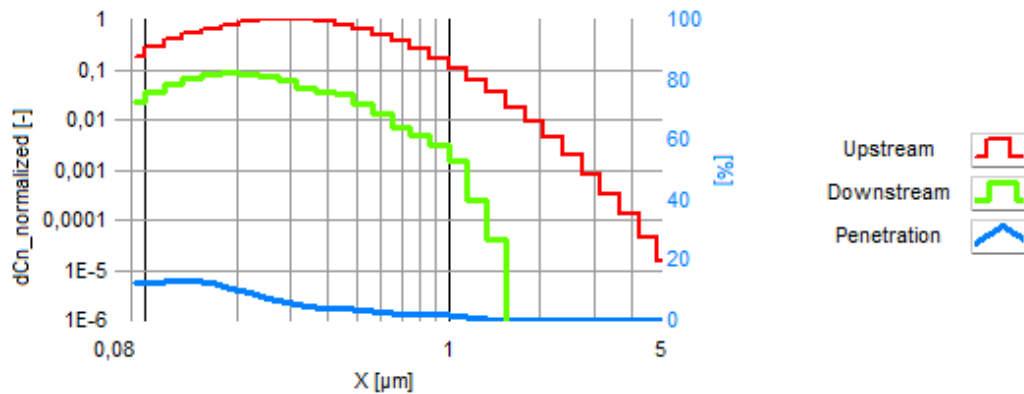
Mask ID	13868_20210930_115748
Mask lot	210930-F-03-2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	12.68 %	30.00 %	✔ pass
P_m	1.93 %		
P_Ph_45°	3.42 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022