

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Carsten	27.09.2022	12:12:10	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	23.03 °C
Aerosol	Pressurized air	rel. humidity	2.40 %

Mask information

Mask ID	13868_20220927_121210
Mask lot	220927-S-L4-2-M2bgr-A-IN_
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.16 l/min	31.82 Pa	70.00 Pa	✔ pass
Inhalation 2	94.79 l/min	112.38 Pa	240.00 Pa	✔ pass
Exhalation	159.96 l/min	199.52 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	27.09.2022	12:16:25	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.87 l/min
Generator air	2.68 l/min

Test conditions	
Temperature	23.10 °C
rel. humidity	3.68 %
Mass concentration	19.41 mg/m³

Mask information

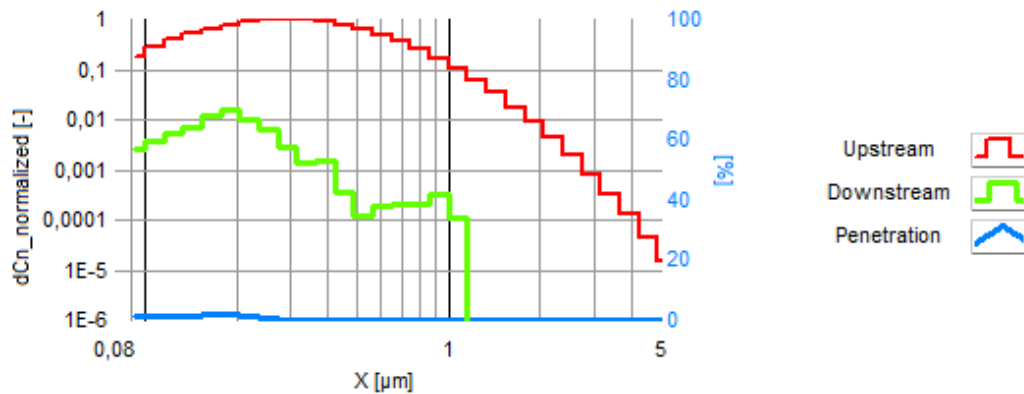
Mask ID	13868_20220927_121625
Mask lot	220927-S-L4-2-M2bgr-A-IN_
Mask type	DMASKE / Chargentest / FFP 2

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)	1.49 %	20.00 %	✔ pass
P_m	0.09 %		
P_Ph_45°	0.15 %	6.00 %	✔ pass

Distributions



Calibration expired since 03.09.2022