

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Carsten	27.09.2022	11:29:56	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.41 °C
Aerosol	Pressurized air	rel. humidity	2.71 %

Mask information

Mask ID	13868_20220927_112956
Mask lot	220926-S-L4-1-M2a-A-IN_
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.07 l/min	25.06 Pa	70.00 Pa	✔ pass
Inhalation 2	94.73 l/min	88.98 Pa	240.00 Pa	✔ pass
Exhalation	159.97 l/min	158.36 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	11:33:54	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.87 l/min
Generator air	2.69 l/min

Test conditions	
Temperature	22.42 °C
rel. humidity	3.39 %
Mass concentration	19.91 mg/m ³

Mask information

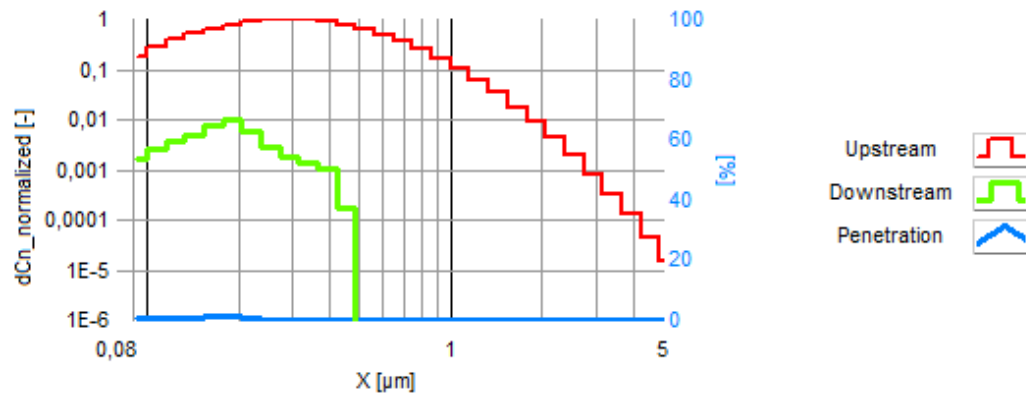
Mask ID	13868_20220927_113354
Mask lot	220926-S-L4-1-M2a-A-IN_
Mask type	DMASKE / Chargentest / FFP 2

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)	0.98 %	20.00 %	✔ pass
P_m	0.03 %		
P_Ph_45°	0.08 %	6.00 %	✔ pass

Distributions



Calibration expired since 03.09.2022