

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Carsten	27.05.2022	08:57:02	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	21.76 °C
Aerosol	Pressurized air	rel. humidity	4.03 %

Mask information

Mask ID	13868_20220527_085702
Mask lot	220523-F-L4-2-LK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.16 l/min	39.60 Pa	70.00 Pa	✔ pass
Inhalation 2	94.75 l/min	113.38 Pa	240.00 Pa	✔ pass
Exhalation	159.99 l/min	191.45 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	27.05.2022	09:01:23	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.99 l/min
Generator air	2.63 l/min

Test conditions	
Temperature	21.73 °C
rel. humidity	3.45 %
Mass concentration	17.41 mg/m³

Mask information

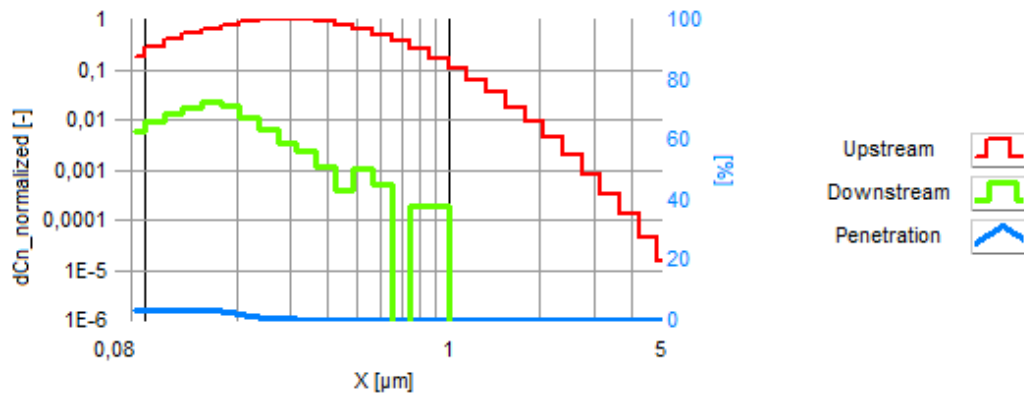
Mask ID	13868_20220527_090123
Mask lot	220523-F-L5-2-LK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

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)	3.37 %	20.00 %	✔ pass
P_m	0.09 %		
P_Ph_45°	0.18 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022