

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Carsten	22.07.2022	13:07:28	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	25.54 °C
Aerosol	Pressurized air	rel. humidity	3.45 %

Mask information

Mask ID	13868_20220722_130728
Mask lot	220722-F-L5-1-LK-A-IN_DMA
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.05 l/min	41.91 Pa	70.00 Pa	✔ pass
Inhalation 2	94.89 l/min	144.70 Pa	240.00 Pa	✔ pass
Exhalation	159.89 l/min	255.83 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	22.07.2022	13:13:28	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.79 l/min
Generator air	2.44 l/min

Test conditions	
Temperature	25.71 °C
rel. humidity	4.69 %
Mass concentration	16.84 mg/m ³

Mask information

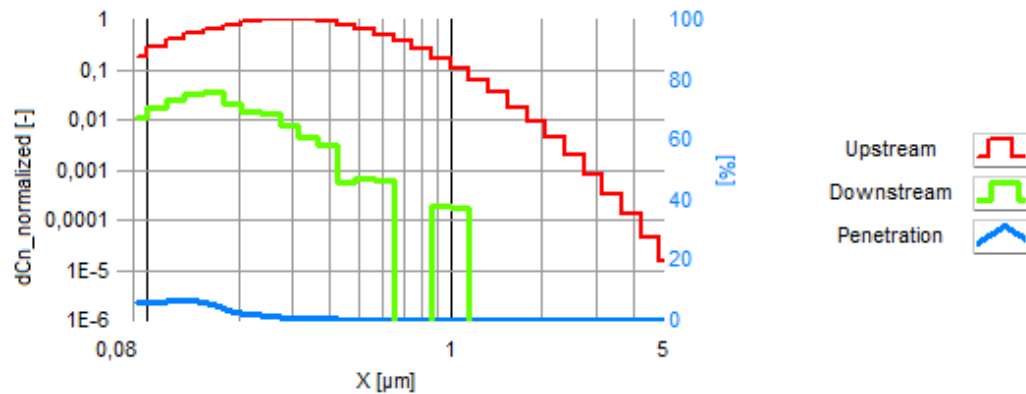
Mask ID	13868_20220722_131328
Mask lot	220722-F-L5-1-LK-A-IN_DMA
Mask type	DMASKE / Chargentest / FFP 2

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)	6.07 %	20.00 %	✓ pass
P_m	0.14 %		
P_Ph_45°	0.29 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022