

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Carsten	29.07.2022	12:14:52	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	25.64 °C
Aerosol	Pressurized air	rel. humidity	2.40 %

Mask information

Mask ID	13868_20220729_121452
Mask lot	220729-F-L5-2-LK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.32 l/min	26.60 Pa	70.00 Pa	✔ pass
Inhalation 2	94.76 l/min	96.44 Pa	240.00 Pa	✔ pass
Exhalation	159.98 l/min	166.53 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	29.07.2022	12:18:50	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.97 l/min
Generator air	2.75 l/min

Test conditions	
Temperature	25.72 °C
rel. humidity	3.11 %
Mass concentration	12.83 mg/m ³

Mask information

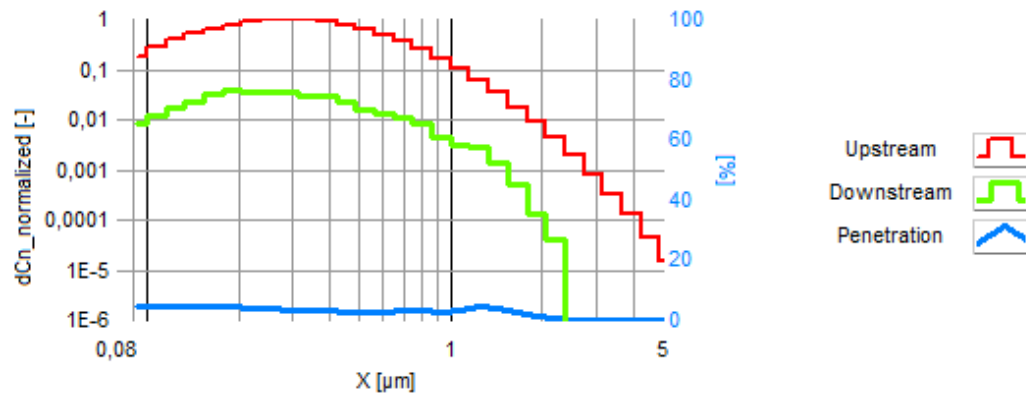
Mask ID	13868_20220729_121850
Mask lot	220729-F-L5-2-LK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

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)	4.54 %	20.00 %	✔ pass
P_m	2.90 %		
P_Ph_45°	3.09 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022