

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Carsten	05.08.2022	09:14:12	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	25.44 °C
Aerosol	Pressurized air	rel. humidity	4.39 %

Mask information

Mask ID	13868_20220805_091412
Mask lot	220804-F-L5-2-LKgrau-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.11 l/min	27.71 Pa	70.00 Pa	✔ pass
Inhalation 2	94.87 l/min	98.29 Pa	240.00 Pa	✔ pass
Exhalation	159.97 l/min	220.65 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	05.08.2022	09:26:03	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	95.02 l/min
Generator air	2.75 l/min

Test conditions	
Temperature	25.50 °C
rel. humidity	3.81 %
Mass concentration	18.67 mg/m ³

Mask information

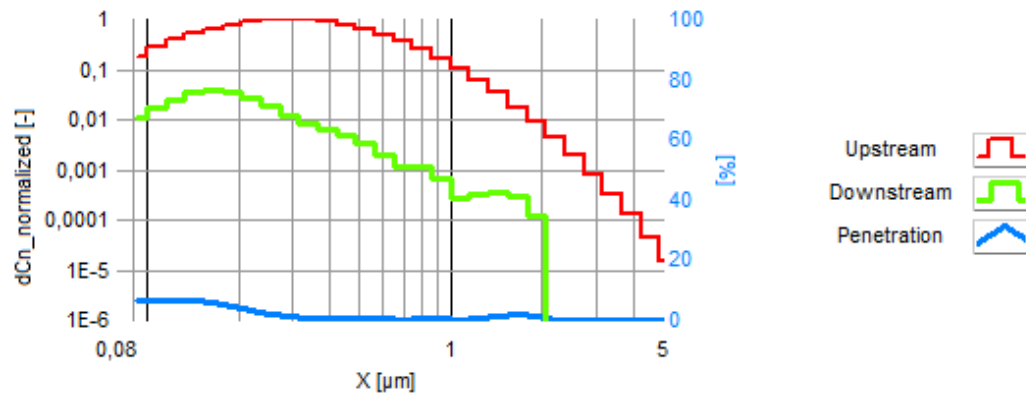
Mask ID	13868_20220805_092603
Mask lot	220804-F-L5-2-LKgrau-B-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	6.42 %	20.00 %	✔ pass
P_m	0.66 %		
P_Ph_45°	0.77 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022