

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Carsten	28.09.2022	11:33:21	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.14 °C
Aerosol	Pressurized air	rel. humidity	2.93 %

Mask information

Mask ID	13868_20220928_113321
Mask lot	220927-S-L5-1-MLK-A-IN_D
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.17 l/min	38.59 Pa	70.00 Pa	✔ pass
Inhalation 2	94.68 l/min	124.28 Pa	240.00 Pa	✔ pass
Exhalation	159.95 l/min	230.78 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	28.09.2022	11:39:31	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.89 l/min
Generator air	2.69 l/min

Test conditions	
Temperature	22.30 °C
rel. humidity	3.81 %
Mass concentration	21.07 mg/m ³

Mask information

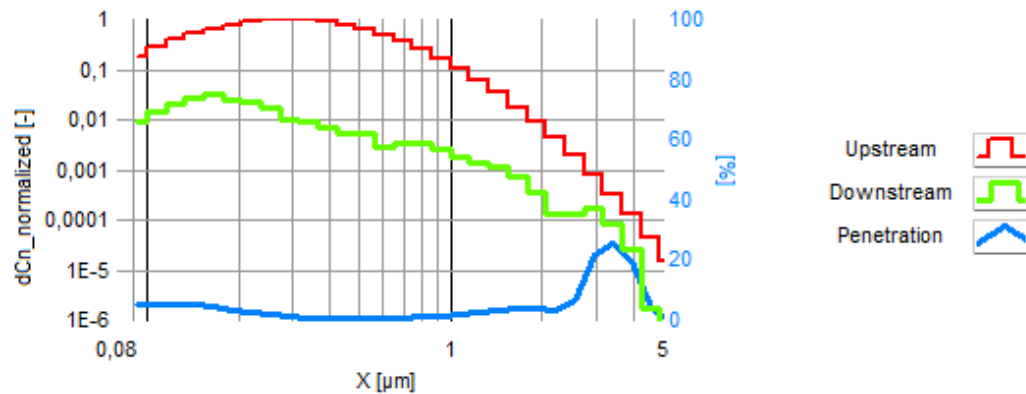
Mask ID	13868_20220928_113931
Mask lot	220927-S-L5-1-MLK-A-IN_D
Mask type	DMASKE / Chargentest / FFP 2

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)	5.15 %	20.00 %	✔ pass
P_m	2.52 %		
P_Ph_45°	1.34 %	6.00 %	✔ pass

Distributions



Calibration expired since 03.09.2022