

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	10.10.2022	14:42:54	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.95 l/min
Generator air	2.75 l/min

Test conditions	
Temperature	24.37 °C
rel. humidity	2.85 %
Mass concentration	20.54 mg/m ³

Mask information

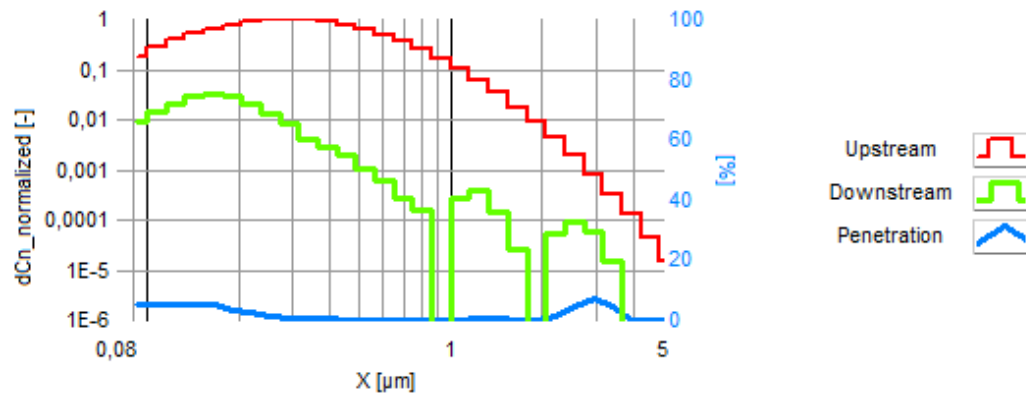
Mask ID	13868_20221010_144254
Mask lot	221009-F-L5-1-LK-A-IN_D_D
Mask type	DMASKE / Chargentest / FFP 2

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)	5.38 %	20.00 %	✓ pass
P_m	0.55 %		
P_Ph_45°	0.42 %	6.00 %	✓ pass

Distributions



Calibration expired since 03.09.2022

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	10.10.2022	14:39:14	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	24.35 °C
Aerosol	Pressurized air	rel. humidity	2.46 %

Mask information

Mask ID	13868_20221010_143914
Mask lot	221009-F-L5-1-LK-A-IN_D_D
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.12 l/min	33.85 Pa	70.00 Pa	✔ pass
Inhalation 2	94.93 l/min	122.52 Pa	240.00 Pa	✔ pass
Exhalation	159.94 l/min	254.14 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022