

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	19.09.2022	13:47:17	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.96 l/min
Generator air	2.62 l/min

Test conditions	
Temperature	21.25 °C
rel. humidity	3.88 %
Mass concentration	20.18 mg/m³

Mask information

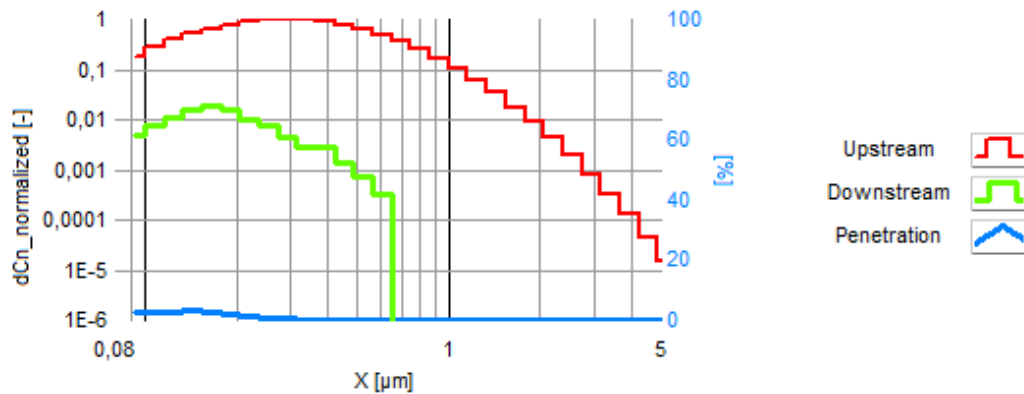
Mask ID	13868_20220919_134717
Mask lot	220916-S-L4-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

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)	2.91 %	20.00 %	✓ pass
P_m	0.09 %		
P_Ph_45°	0.21 %	6.00 %	✓ pass

Distributions



Calibration expired since 03.09.2022

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	19.09.2022	13:42:19	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	21.17 °C
Aerosol	Pressurized air	rel. humidity	3.29 %

Mask information

Mask ID	13868_20220919_134219
Mask lot	220916-S-L4-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.10 l/min	25.90 Pa	70.00 Pa	✔ pass
Inhalation 2	94.78 l/min	97.13 Pa	240.00 Pa	✔ pass
Exhalation	159.93 l/min	194.16 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022