

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	13.09.2022	14:55:36	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.86 l/min
Generator air	2.49 l/min

Test conditions	
Temperature	25.54 °C
rel. humidity	3.34 %
Mass concentration	20.46 mg/m³

Mask information

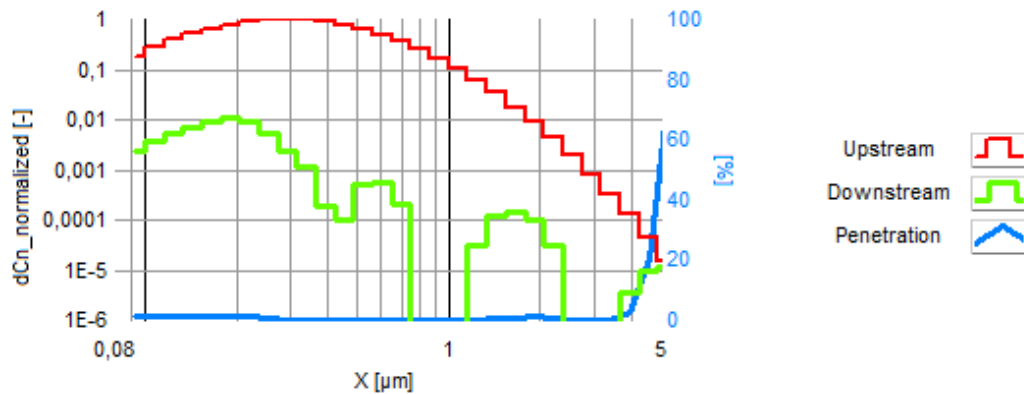
Mask ID	13868_20220913_145536
Mask lot	220912-S-L3-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

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)	1.35 %	20.00 %	✓ pass
P_m	0.50 %		
P_Ph_45°	0.17 %	6.00 %	✓ pass

Distributions



Calibration expired since 03.09.2022

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	13.09.2022	14:51:57	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	25.49 °C
Aerosol	Pressurized air	rel. humidity	2.54 %

Mask information

Mask ID	13868_20220913_145157
Mask lot	220912-S-L3-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.25 l/min	29.17 Pa	70.00 Pa	✔ pass
Inhalation 2	94.81 l/min	103.81 Pa	240.00 Pa	✔ pass
Exhalation	159.96 l/min	183.25 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022