

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	14.09.2022	10:37:56	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.87 l/min
Generator air	2.49 l/min

Test conditions	
Temperature	25.63 °C
rel. humidity	3.42 %
Mass concentration	17.80 mg/m³

Mask information

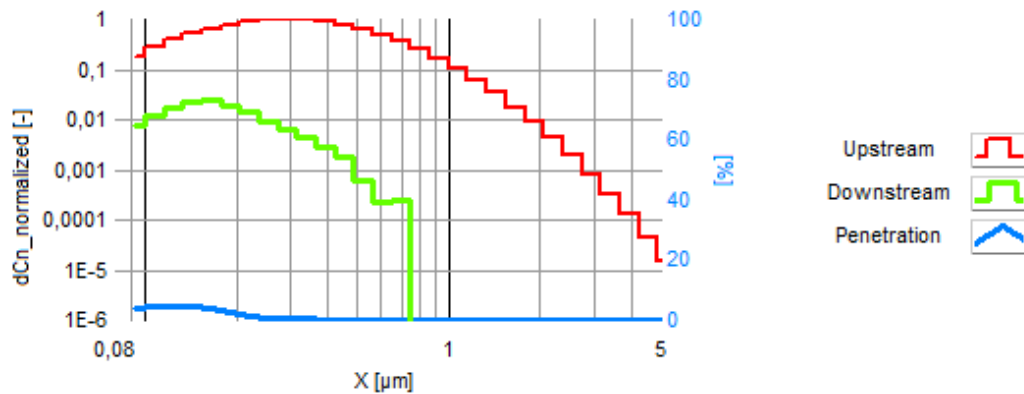
Mask ID	13868_20220914_103756
Mask lot	220913-S-L5-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

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)	4.29 %	20.00 %	✔ pass
P_m	0.11 %		
P_Ph_45°	0.27 %	6.00 %	✔ pass

Distributions



Calibration expired since 03.09.2022

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	14.09.2022	10:33:47	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	25.56 °C
Aerosol	Pressurized air	rel. humidity	2.43 %

Mask information

Mask ID	13868_20220914_103347
Mask lot	220913-S-L5-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.30 l/min	39.36 Pa	70.00 Pa	✔ pass
Inhalation 2	94.78 l/min	116.34 Pa	240.00 Pa	✔ pass
Exhalation	160.05 l/min	211.30 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022