

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	18.11.2022	11:37:12	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.82 l/min
Generator air	2.68 l/min

Test conditions	
Temperature	22.05 °C
rel. humidity	2.93 %
Mass concentration	20.11 mg/m³

Mask information

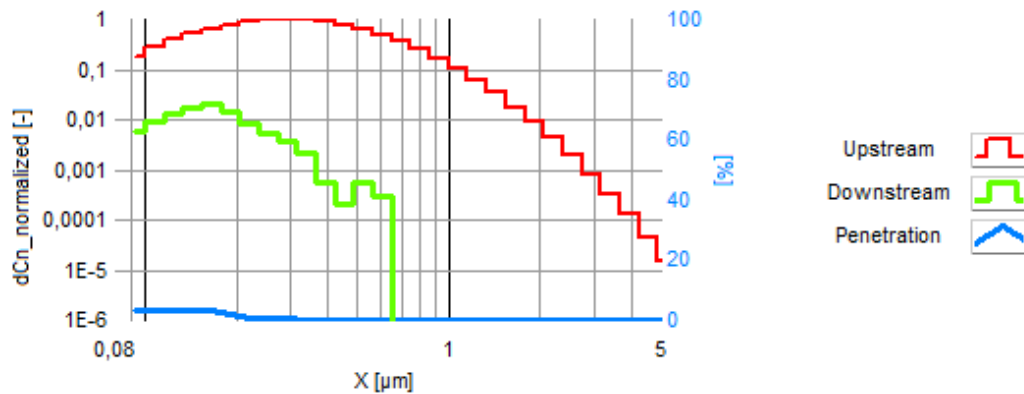
Mask ID	13868_20221118_113712
Mask lot	221116-S-L5-MLK-2-B-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

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)	3.33 %	20.00 %	✓ pass
P_m	0.06 %		
P_Ph_45°	0.13 %	6.00 %	✓ pass

Distributions



Calibration expired since 03.09.2022

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	18.11.2022	11:30:40	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.02 °C
Aerosol	Pressurized air	rel. humidity	3.65 %

Mask information

Mask ID	13868_20221118_113040
Mask lot	221116-S-L5-MLK-2-B-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.11 l/min	25.83 Pa	70.00 Pa	✔ pass
Inhalation 2	94.83 l/min	96.33 Pa	240.00 Pa	✔ pass
Exhalation	160.01 l/min	228.58 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022