

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	08.09.2022	12:37:24	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	25.25 °C
rel. humidity	3.24 %
Mass concentration	20.63 mg/m ³

Mask information

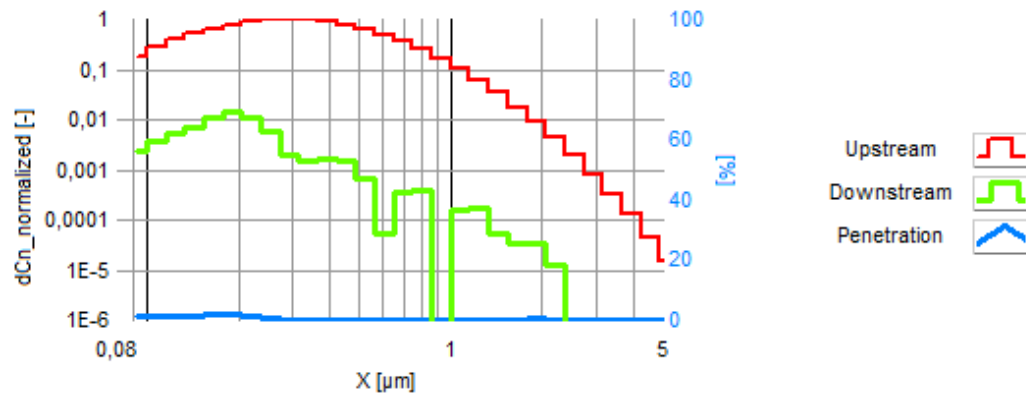
Mask ID	13868_20220908_123724
Mask lot	220907-S-L5-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

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)	1.42 %	20.00 %	✔ pass
P_m	0.17 %		
P_Ph_45°	0.19 %	6.00 %	✔ pass

Distributions



Calibration expired since 03.09.2022

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	08.09.2022	12:32:54	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	25.25 °C
Aerosol	Pressurized air	rel. humidity	2.34 %

Mask information

Mask ID	13868_20220908_123254
Mask lot	220907-S-L5-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.21 l/min	29.29 Pa	70.00 Pa	✔ pass
Inhalation 2	94.78 l/min	106.02 Pa	240.00 Pa	✔ pass
Exhalation	160.02 l/min	206.06 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022