

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	14.09.2022	10:52:26	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.91 l/min
Generator air	2.53 l/min

Test conditions	
Temperature	25.74 °C
rel. humidity	3.22 %
Mass concentration	21.27 mg/m ³

Mask information

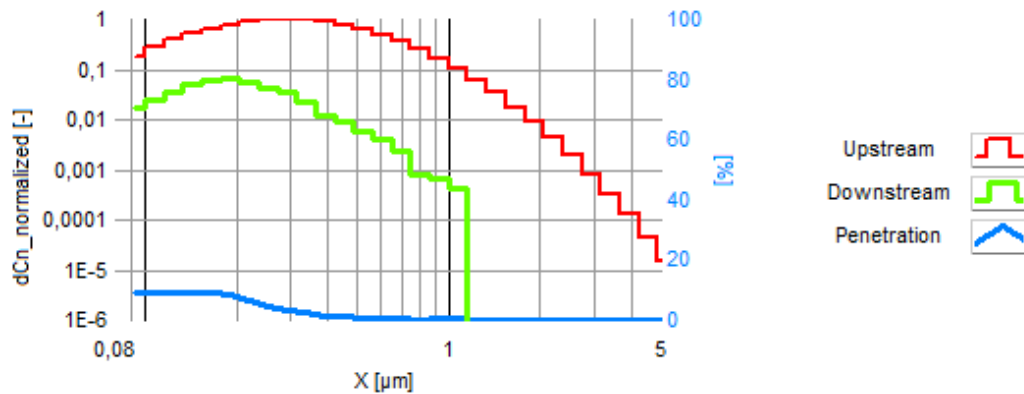
Mask ID	13868_20220914_105226
Mask lot	220913-S-L2-1-K6-A-IN_DMA
Mask type	DMASKE / Chargentest / FFP 2

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)	9.32 %	20.00 %	✔ pass
P_m	0.68 %		
P_Ph_45°	1.42 %	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	10:48:05	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	25.74 °C
Aerosol	Pressurized air	rel. humidity	2.62 %

Mask information

Mask ID	13868_20220914_104805
Mask lot	220913-S-L2-1-K6-A-IN_DMA
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.21 l/min	31.22 Pa	70.00 Pa	✔ pass
Inhalation 2	94.81 l/min	92.19 Pa	240.00 Pa	✔ pass
Exhalation	160.01 l/min	160.90 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022