

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	15.09.2022	15:14:37	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.89 l/min
Generator air	2.53 l/min

Test conditions	
Temperature	25.64 °C
rel. humidity	3.11 %
Mass concentration	21.28 mg/m ³

Mask information

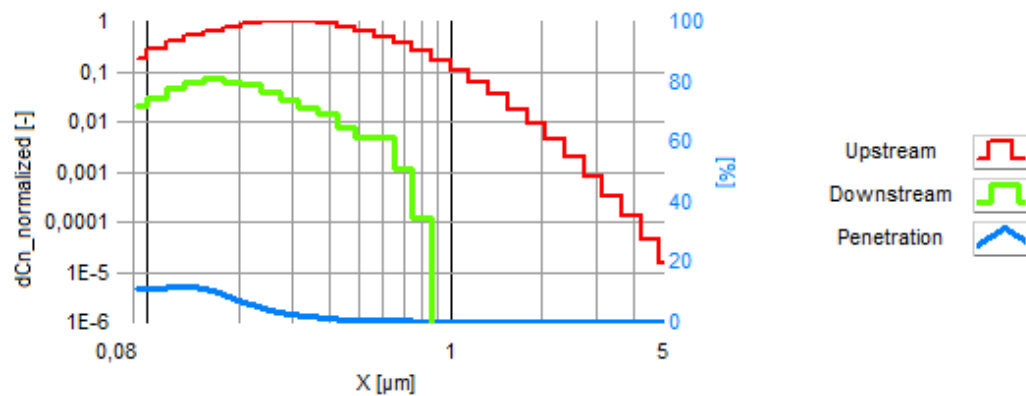
Mask ID	13868_20220915_151437
Mask lot	220915-S-L2-1-K6-A-IN_DMA
Mask type	DMASKE / Chargentest / FFP 2

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)	11.22 %	20.00 %	✔ pass
P_m	0.52 %		
P_Ph_45°	1.21 %	6.00 %	✔ pass

Distributions



Calibration expired since 03.09.2022

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	15.09.2022	15:11:02	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	25.60 °C
Aerosol	Pressurized air	rel. humidity	2.32 %

Mask information

Mask ID	13868_20220915_151102
Mask lot	220915-S-L2-1-K6-A-IN_DMA
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.09 l/min	23.45 Pa	70.00 Pa	✔ pass
Inhalation 2	94.83 l/min	86.16 Pa	240.00 Pa	✔ pass
Exhalation	160.02 l/min	163.54 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022