

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	15.09.2022	13:45:18	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.90 l/min
Generator air	2.53 l/min

Test conditions	
Temperature	24.96 °C
rel. humidity	4.40 %
Mass concentration	19.83 mg/m³

Mask information

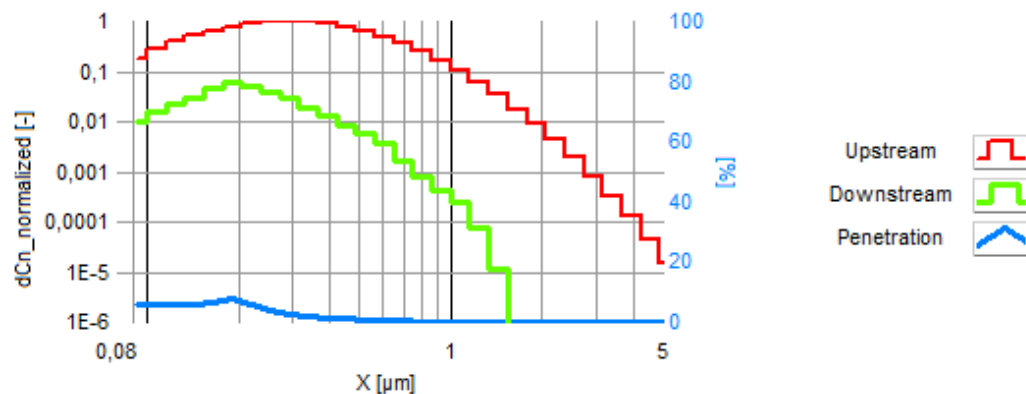
Mask ID	13868_20220915_134518
Mask lot	220914-S-L2-1-K6-A-IN_DMA
Mask type	DMASKE / Chargentest / FFP 2

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)	5.96 %	20.00 %	✓ pass
P_m	0.60 %		
P_Ph_45°	1.27 %	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	13:41:05	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	25.05 °C
Aerosol	Pressurized air	rel. humidity	3.71 %

Mask information

Mask ID	13868_20220915_134105
Mask lot	220914-S-L2-1-K6-A-IN_DMA
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.11 l/min	26.98 Pa	70.00 Pa	✔ pass
Inhalation 2	94.82 l/min	90.23 Pa	240.00 Pa	✔ pass
Exhalation	160.00 l/min	164.36 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022