

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	30.09.2022	14:43:48	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.87 l/min
Generator air	2.68 l/min

Test conditions	
Temperature	23.69 °C
rel. humidity	3.03 %
Mass concentration	20.24 mg/m³

Mask information

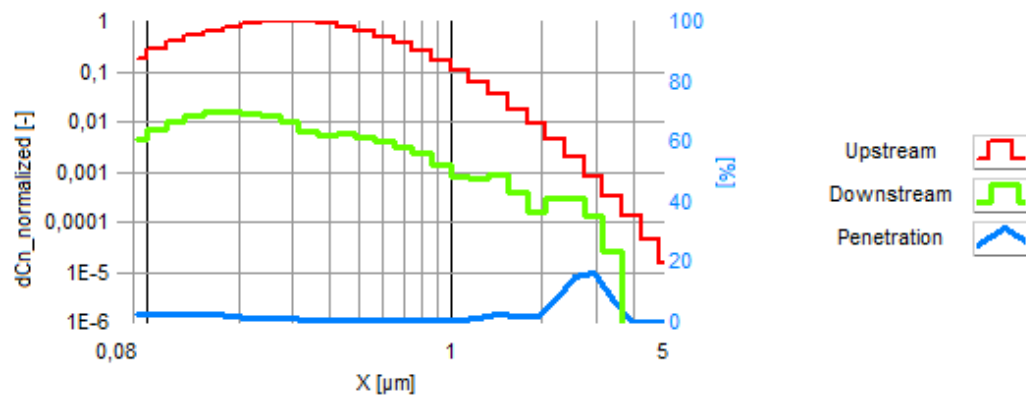
Mask ID	13868_20220930_144348
Mask lot	220930-F-L3-2-M2a-A-IN_D
Mask type	DMASKE / Chargentest / FFP 2

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)	2.48 %	20.00 %	✓ pass
P_m	1.93 %		
P_Ph_45°	1.06 %	6.00 %	✓ pass

Distributions



Calibration expired since 03.09.2022

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	30.09.2022	14:40:12	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	23.69 °C
Aerosol	Pressurized air	rel. humidity	2.47 %

Mask information

Mask ID	13868_20220930_144012
Mask lot	220930-F-L3-2-M2a-A-IN_D
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.16 l/min	24.68 Pa	70.00 Pa	✔ pass
Inhalation 2	95.00 l/min	89.91 Pa	240.00 Pa	✔ pass
Exhalation	160.06 l/min	158.22 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022