

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	24.10.2022	12:05:11	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	24.18 °C
rel. humidity	3.10 %
Mass concentration	20.82 mg/m³

Mask information

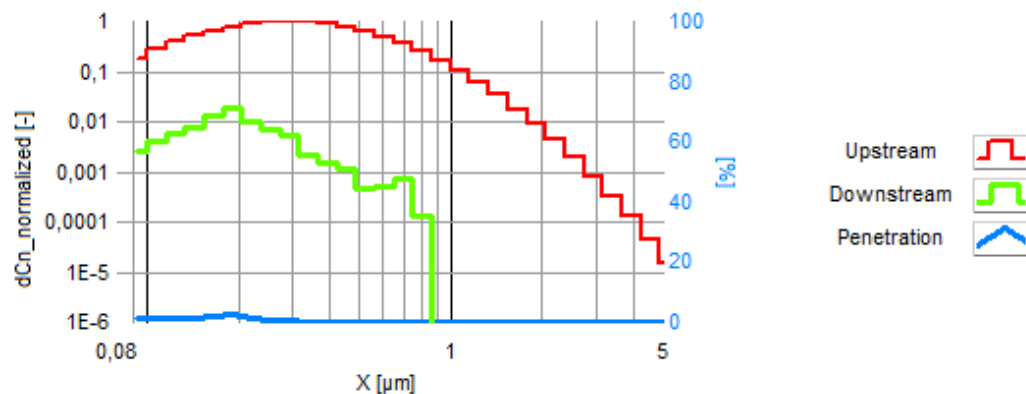
Mask ID	13868_20221024_120511
Mask lot	221019-F-L5-2-MLK-A-IN_D_
Mask type	DMASKE / Chargentest / FFP 2

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)	1.59 %	20.00 %	✓ pass
P_m	0.10 %		
P_Ph_45°	0.20 %	6.00 %	✓ pass

Distributions



Calibration expired since 03.09.2022

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	24.10.2022	12:01:29	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	24.16 °C
Aerosol	Pressurized air	rel. humidity	2.48 %

Mask information

Mask ID	13868_20221024_120129
Mask lot	221019-F-L5-2-MLK-A-IN_D_
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.14 l/min	33.68 Pa	70.00 Pa	✔ pass
Inhalation 2	94.82 l/min	123.12 Pa	240.00 Pa	✔ pass
Exhalation	159.99 l/min	239.81 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022