

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	20.09.2022	11:44:09	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.99 l/min
Generator air	2.62 l/min

Test conditions	
Temperature	22.12 °C
rel. humidity	4.18 %
Mass concentration	19.18 mg/m³

Mask information

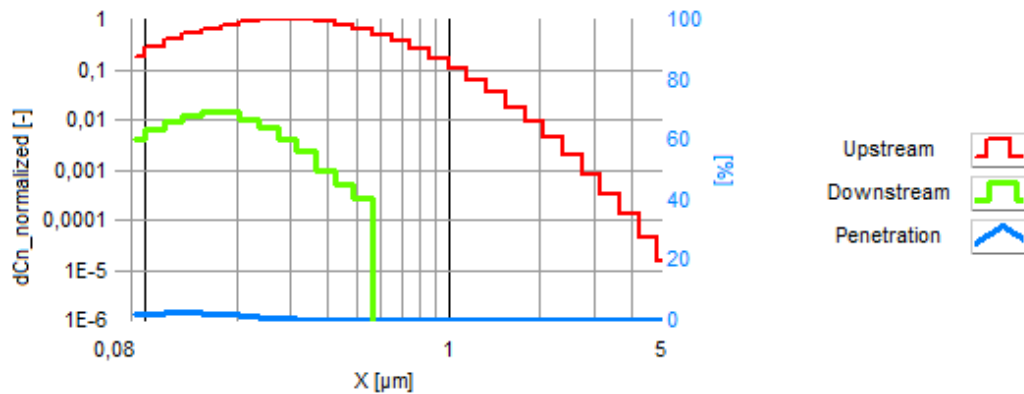
Mask ID	13868_20220920_114409
Mask lot	220920-F-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

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)	2.28 %	20.00 %	✔ pass
P_m	0.06 %		
P_Ph_45°	0.14 %	6.00 %	✔ pass

Distributions



Calibration expired since 03.09.2022

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	20.09.2022	11:39:52	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.12 °C
Aerosol	Pressurized air	rel. humidity	3.10 %

Mask information

Mask ID	13868_20220920_113952
Mask lot	220920-F-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.03 l/min	27.20 Pa	70.00 Pa	✔ pass
Inhalation 2	94.79 l/min	97.77 Pa	240.00 Pa	✔ pass
Exhalation	160.00 l/min	174.39 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022