

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Version
Dustin	17.08.2022	15:48:43	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.81 l/min
Generator air	2.44 l/min

Test conditions	
Temperature	26.23 °C
rel. humidity	3.42 %
Mass concentration	17.70 mg/m ³

Mask information

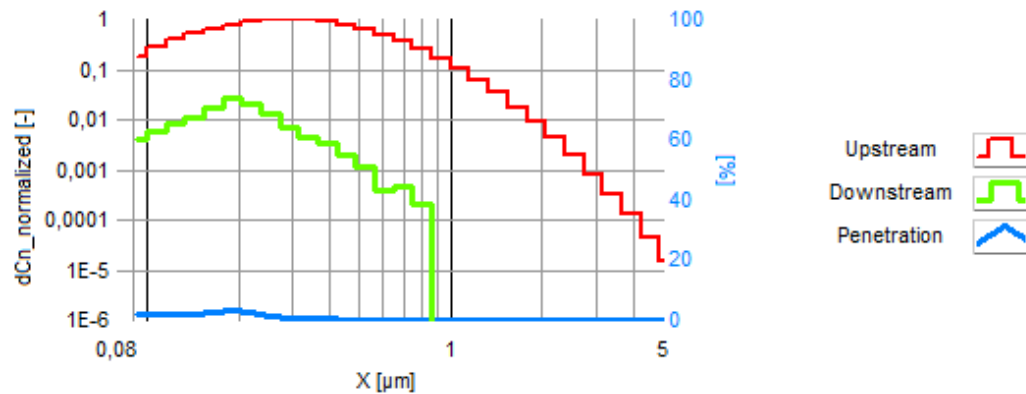
Mask ID	13868_20220817_154843
Mask lot	220817-F-L5-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

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)	2.24 %	20.00 %	✔ pass
P_m	0.14 %		
P_Ph_45°	0.33 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	17.08.2022	15:44:17	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	26.23 °C
Aerosol	Pressurized air	rel. humidity	2.74 %

Mask information

Mask ID	13868_20220817_154417
Mask lot	220817-F-L5-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.17 l/min	40.32 Pa	70.00 Pa	✔ pass
Inhalation 2	94.85 l/min	139.62 Pa	240.00 Pa	✔ pass
Exhalation	159.98 l/min	265.12 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022