

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	14.11.2022	09:24:10	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.86 l/min
Generator air	2.75 l/min

Test conditions	
Temperature	17.43 °C
rel. humidity	5.47 %
Mass concentration	18.27 mg/m³

Mask information

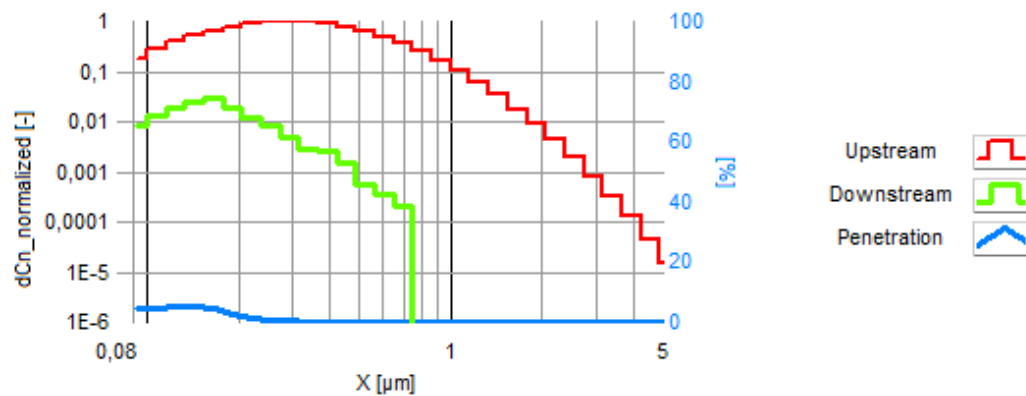
Mask ID	13868_20221114_092410
Mask lot	221107-S-L3-2-M2A-A-IN_D_
Mask type	DMASKE / Chargentest / FFP 2

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)	4.77 %	20.00 %	✔ pass
P_m	0.10 %		
P_Ph_45°	0.22 %	6.00 %	✔ pass

Distributions



Calibration expired since 03.09.2022

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	14.11.2022	09:18:52	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	17.36 °C
Aerosol	Pressurized air	rel. humidity	5.99 %

Mask information

Mask ID	13868_20221114_091852
Mask lot	221107-S-L3-2-M2A-A-IN_D_
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.06 l/min	42.07 Pa	70.00 Pa	✔ pass
Inhalation 2	94.72 l/min	129.46 Pa	240.00 Pa	✔ pass
Exhalation	159.93 l/min	225.22 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022