

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	24.10.2022	13:18:08	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.91 l/min
Generator air	2.53 l/min

Test conditions	
Temperature	24.86 °C
rel. humidity	2.22 %
Mass concentration	19.65 mg/m³

Mask information

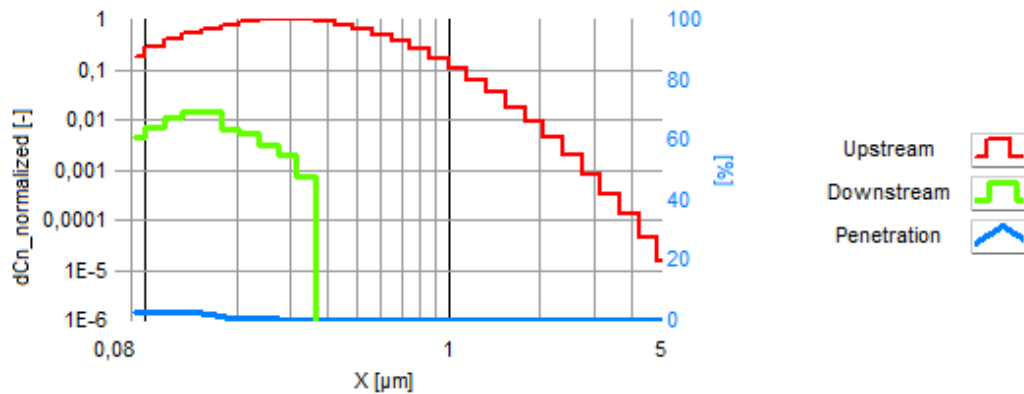
Mask ID	13868_20221024_131808
Mask lot	221020-S-L3-2-M2A-A-IN_D_
Mask type	DMASKE / Chargentest / FFP 2

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)	2.54 %	20.00 %	✓ pass
P_m	0.03 %		
P_Ph_45°	0.06 %	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	13:13:06	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	24.86 °C
Aerosol	Pressurized air	rel. humidity	2.65 %

Mask information

Mask ID	13868_20221024_131306
Mask lot	221020-S-L3-2-M2A-A-IN_D_
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.15 l/min	30.72 Pa	70.00 Pa	✔ pass
Inhalation 2	94.86 l/min	107.44 Pa	240.00 Pa	✔ pass
Exhalation	160.04 l/min	187.81 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022