

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	27.01.2023	11:48:06	1.12.0.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.53 l/min
Generator air	2.65 l/min

Test conditions	
Temperature	20.36 °C
rel. humidity	8.11 %
Mass concentration	20.88 mg/m³

Mask information

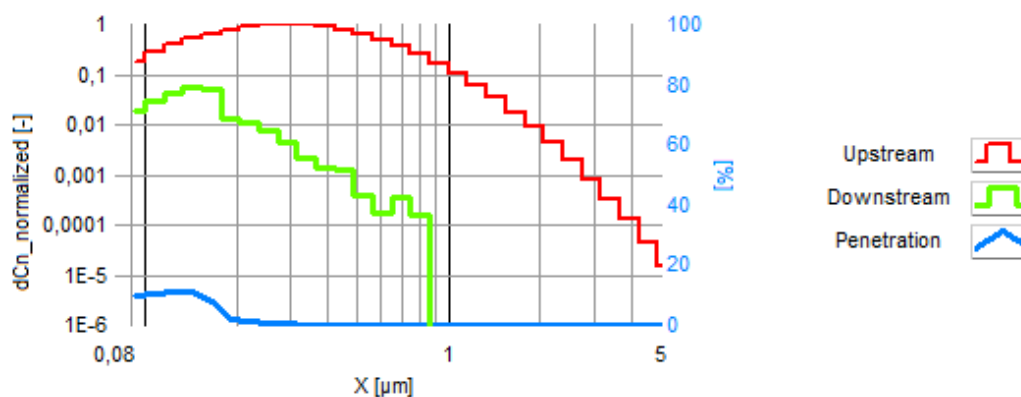
Mask ID	13868_20230127_114806
Mask lot	230126-S-L6-MLK-A-IN_DMAS
Mask type	DMASKE / Chargentest / FFP 2

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)	10.07 %	20.00 %	✓ pass
P_m	0.11 %		
P_Ph_45°	0.21 %	6.00 %	✓ pass

Distributions



Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	27.01.2023	11:44:21	1.12.0.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	20.27 °C
Aerosol	Pressurized air	rel. humidity	8.10 %

Mask information

Mask ID	13868_20230127_114421
Mask lot	230126-S-L6-MLK-A-IN_DMAS
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.10 l/min	35.36 Pa	70.00 Pa	✓ pass
Inhalation 2	94.74 l/min	110.50 Pa	240.00 Pa	✓ pass
Exhalation	159.68 l/min	192.04 Pa	300.00 Pa	✓ pass



Calibration valid until 15.12.2023