

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	03.02.2023	13:24:50	1.12.0.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.64 l/min
Generator air	2.54 l/min

Test conditions	
Temperature	23.69 °C
rel. humidity	7.91 %
Mass concentration	18.24 mg/m³

Mask information

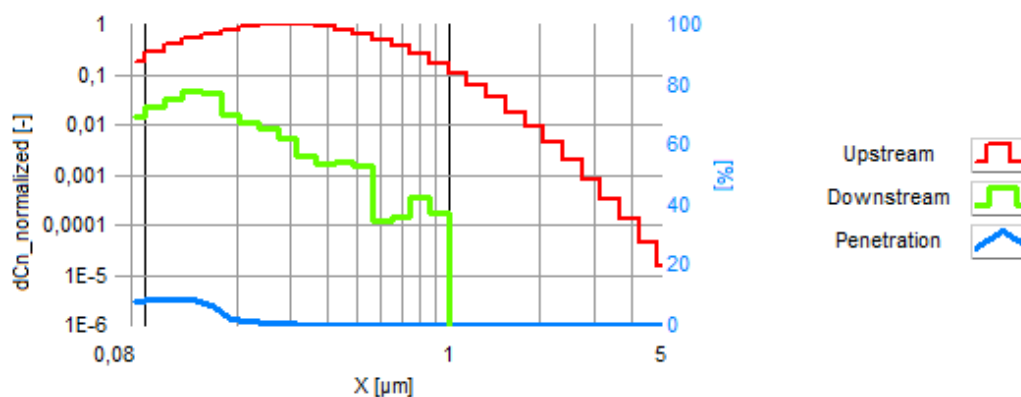
Mask ID	13868_20230203_132450
Mask lot	230202-F-L6-MLK-A-IN_DMAS
Mask type	DMASKE / Chargentest / FFP 2

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)	8.01 %	20.00 %	✓ pass
P_m	0.13 %		
P_Ph_45°	0.24 %	6.00 %	✓ pass

Distributions



Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	03.02.2023	13:14:50	1.12.0.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand 2.0	Temperature	23.69 °C
Aerosol	Pressurized air	rel. humidity	8.30 %

Mask information

Mask ID	13868_20230203_131450
Mask lot	230202-F-L6-MLK-A-IN_DMAS
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.05 l/min	42.85 Pa	70.00 Pa	✓ pass
Inhalation 2	94.78 l/min	128.80 Pa	240.00 Pa	✓ pass
Exhalation	NaN l/min	NaN Pa	300.00 Pa	? not tested



Calibration valid until 15.12.2023