

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	28.02.2023	11:37:43	1.12.0.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.47 l/min
Generator air	2.69 l/min

Test conditions	
Temperature	17.83 °C
rel. humidity	4.69 %
Mass concentration	20.88 mg/m³

Mask information

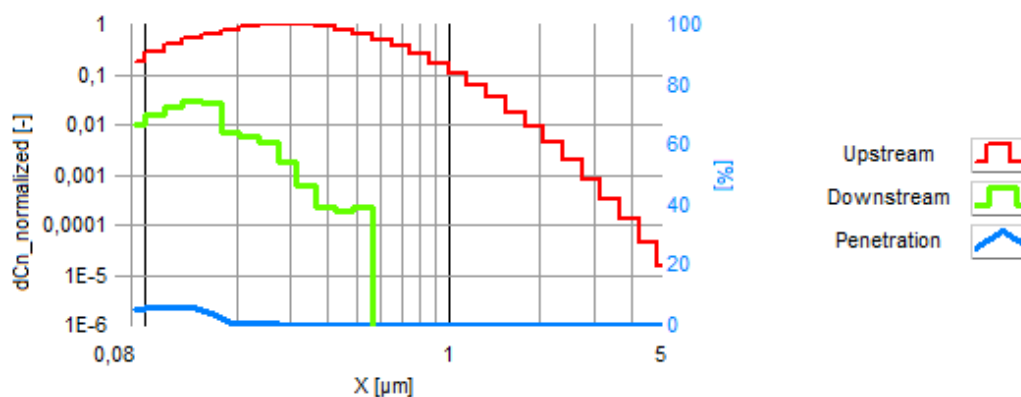
Mask ID	13868_20230228_113743
Mask lot	230228-F-L4-M2A-A-IN_DMAS
Mask type	DMASKE / Chargentest / FFP 2

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)	5.37 %	20.00 %	✓ pass
P_m	0.04 %		
P_Ph_45°	0.08 %	6.00 %	✓ pass

Distributions



Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	28.02.2023	11:35:40	1.12.0.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand 2.0	Temperature	17.76 °C
Aerosol	Pressurized air	rel. humidity	4.98 %

Mask information

Mask ID	13868_20230228_113540
Mask lot	230228-F-L4-M2A-A-IN_DMAS
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.07 l/min	31.71 Pa	70.00 Pa	✓ pass
Inhalation 2	94.76 l/min	99.26 Pa	240.00 Pa	✓ pass
Exhalation	NaN l/min	NaN Pa	300.00 Pa	? not tested



Calibration valid until 15.12.2023