

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Svenja Wilk	18.11.2021	17:01:58	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.94 l/min
Generator air	2.59 l/min

Test conditions	
Temperature	25.25 °C
rel. humidity	2.35 %
Mass concentration	20.60 mg/m ³

Mask information

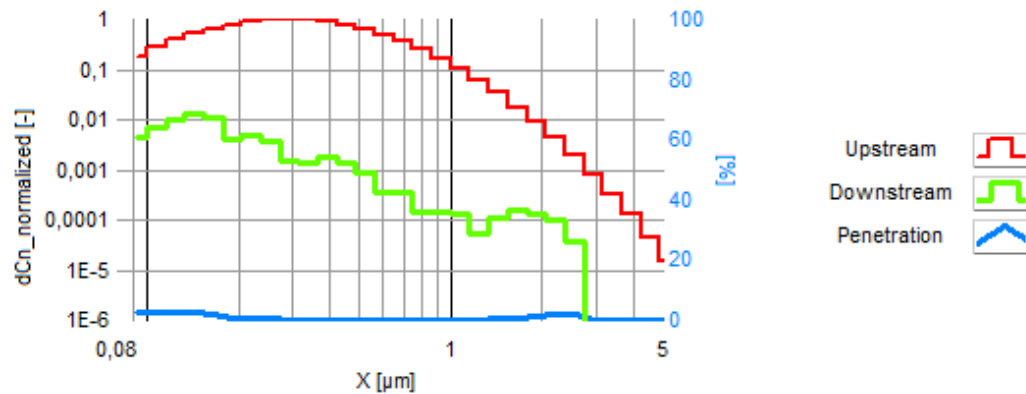
Mask ID	13868_20211118_170158
Mask lot	211118-F-L1-2-A
Mask type	DMASKE / Chargentest / FFP 2

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)	2.35 %	30.00 %	✔ pass
P_m	0.35 %		
P_Ph_45°	0.21 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Svenja Wilk	18.11.2021	16:53:10	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	25.15 °C
Aerosol	Pressurized air	rel. humidity	2.93 %

Mask information

Mask ID	13868_20211118_165310
Mask lot	211118-F-L1-2-A
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.02 l/min	32.66 Pa	70.00 Pa	✔ pass
Inhalation 2	94.74 l/min	100.80 Pa	240.00 Pa	✔ pass
Exhalation	159.88 l/min	181.45 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022