

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	08.09.2022	13:06:11	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.85 l/min
Generator air	2.49 l/min

Test conditions	
Temperature	25.54 °C
rel. humidity	3.29 %
Mass concentration	20.59 mg/m³

Mask information

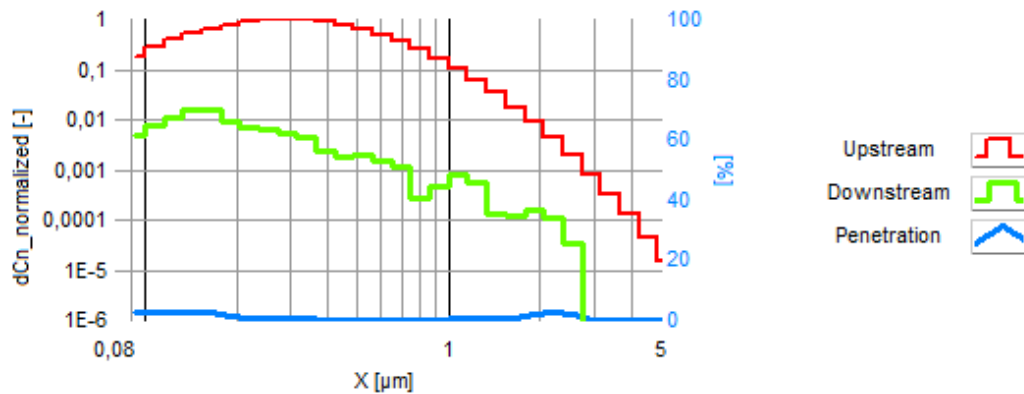
Mask ID	13868_20220908_130611
Mask lot	220907-F-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

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)	2.77 %	20.00 %	✔ pass
P_m	0.59 %		
P_Ph_45°	0.41 %	6.00 %	✔ pass

Distributions



Calibration expired since 03.09.2022

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	08.09.2022	12:59:28	1.11.1.0

Basic information

Operation parameter	
Script	Atemwiderstand
Aerosol	Pressurized air

Test conditions	
Temperature	25.54 °C
rel. humidity	2.76 %

Mask information

Mask ID	13868_20220908_125928
Mask lot	220907-F-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.14 l/min	27.27 Pa	70.00 Pa	✔ pass
Inhalation 2	94.80 l/min	97.84 Pa	240.00 Pa	✔ pass
Exhalation	160.04 l/min	174.37 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	08.09.2022	12:48:43	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.86 l/min
Generator air	2.49 l/min

Test conditions	
Temperature	25.35 °C
rel. humidity	3.03 %
Mass concentration	19.22 mg/m³

Mask information

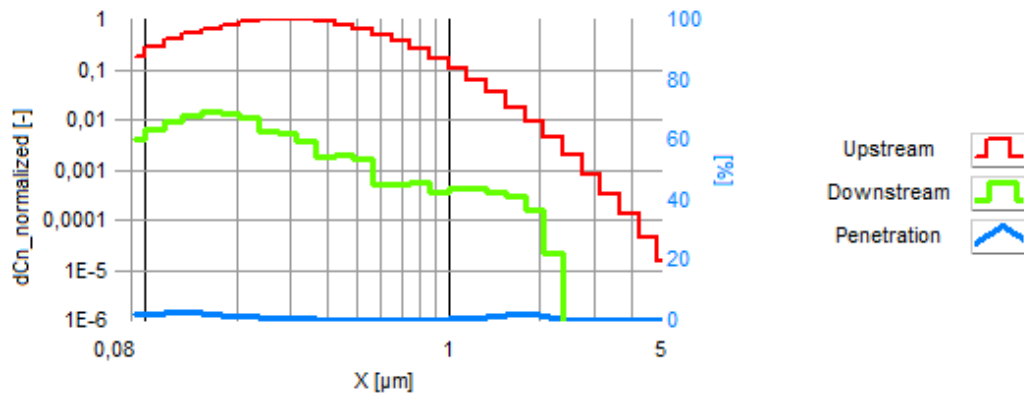
Mask ID	13868_20220908_124843
Mask lot	220907-S-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

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)	2.24 %	20.00 %	✔ pass
P_m	0.51 %		
P_Ph_45°	0.37 %	6.00 %	✔ pass

Distributions



Calibration expired since 03.09.2022

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	08.09.2022	12:44:35	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	25.32 °C
Aerosol	Pressurized air	rel. humidity	2.16 %

Mask information

Mask ID	13868_20220908_124435
Mask lot	220907-S-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.16 l/min	27.60 Pa	70.00 Pa	✔ pass
Inhalation 2	94.94 l/min	97.48 Pa	240.00 Pa	✔ pass
Exhalation	160.02 l/min	172.80 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022