

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	16.08.2022	13:45:59	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	25.64 °C
rel. humidity	3.25 %
Mass concentration	20.42 mg/m³

Mask information

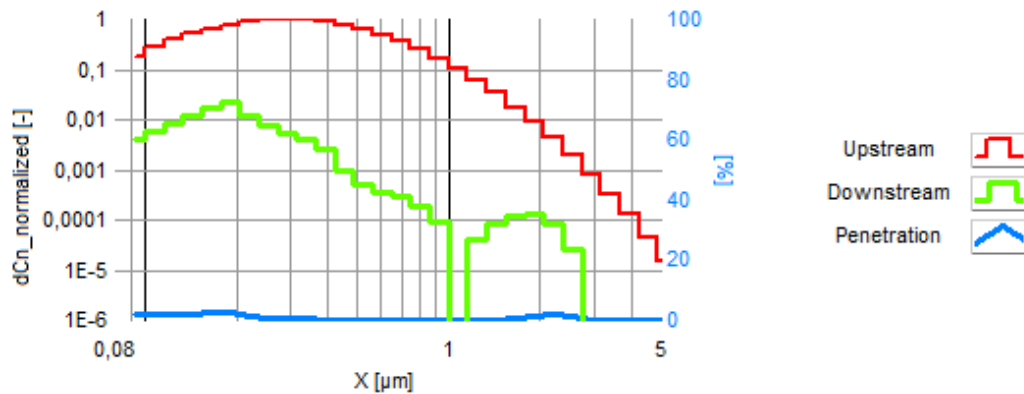
Mask ID	13868_20220816_134559
Mask lot	220816-F-L5-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

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)	2.34 %	20.00 %	✔ pass
P_m	0.32 %		
P_Ph_45°	0.29 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	16.08.2022	13:41:25	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	25.56 °C
Aerosol	Pressurized air	rel. humidity	2.42 %

Mask information

Mask ID	13868_20220816_134125
Mask lot	220816-F-L5-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.17 l/min	40.60 Pa	70.00 Pa	✔ pass
Inhalation 2	94.84 l/min	145.33 Pa	240.00 Pa	✔ pass
Exhalation	159.94 l/min	282.90 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	17.08.2022	15:35:39	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.84 l/min
Generator air	2.49 l/min

Test conditions	
Temperature	26.13 °C
rel. humidity	3.65 %
Mass concentration	22.52 mg/m ³

Mask information

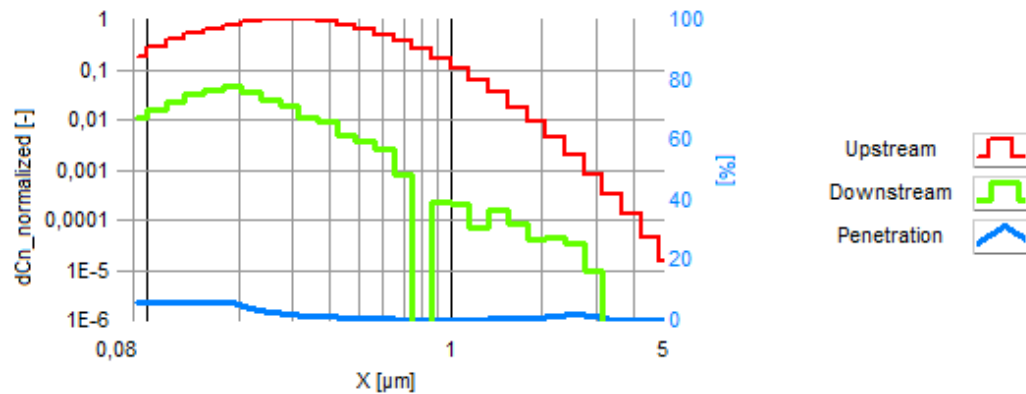
Mask ID	13868_20220817_153539
Mask lot	220816-S-L5-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

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)	6.01 %	20.00 %	✓ pass
P_m	0.53 %		
P_Ph_45°	0.82 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	17.08.2022	15:31:09	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	26.15 °C
Aerosol	Pressurized air	rel. humidity	3.11 %

Mask information

Mask ID	13868_20220817_153109
Mask lot	220816-S-L5-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.13 l/min	42.51 Pa	70.00 Pa	✔ pass
Inhalation 2	94.75 l/min	147.54 Pa	240.00 Pa	✔ pass
Exhalation	159.99 l/min	261.84 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022