

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	06.09.2022	14:38:16	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.80 l/min
Generator air	2.43 l/min

Test conditions	
Temperature	26.65 °C
rel. humidity	2.88 %
Mass concentration	19.83 mg/m ³

Mask information

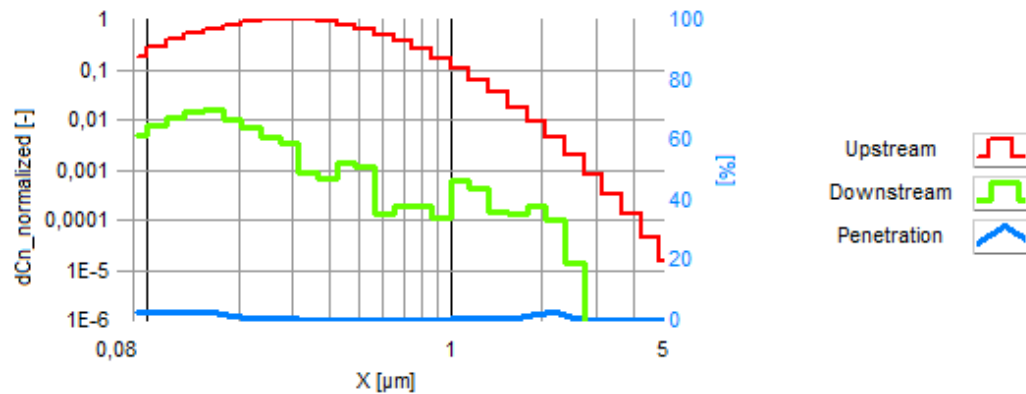
Mask ID	13868_20220906_143816
Mask lot	220905-F-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

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)	2.63 %	20.00 %	✓ pass
P_m	0.44 %		
P_Ph_45°	0.24 %	6.00 %	✓ pass

Distributions



Calibration expired since 03.09.2022

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	06.09.2022	14:33:24	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	26.53 °C
Aerosol	Pressurized air	rel. humidity	2.27 %

Mask information

Mask ID	13868_20220906_143324
Mask lot	220905-F-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.27 l/min	25.68 Pa	70.00 Pa	✔ pass
Inhalation 2	94.78 l/min	97.45 Pa	240.00 Pa	✔ pass
Exhalation	160.07 l/min	178.84 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	06.09.2022	14:15:27	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.81 l/min
Generator air	2.44 l/min

Test conditions	
Temperature	26.25 °C
rel. humidity	4.32 %
Mass concentration	21.94 mg/m³

Mask information

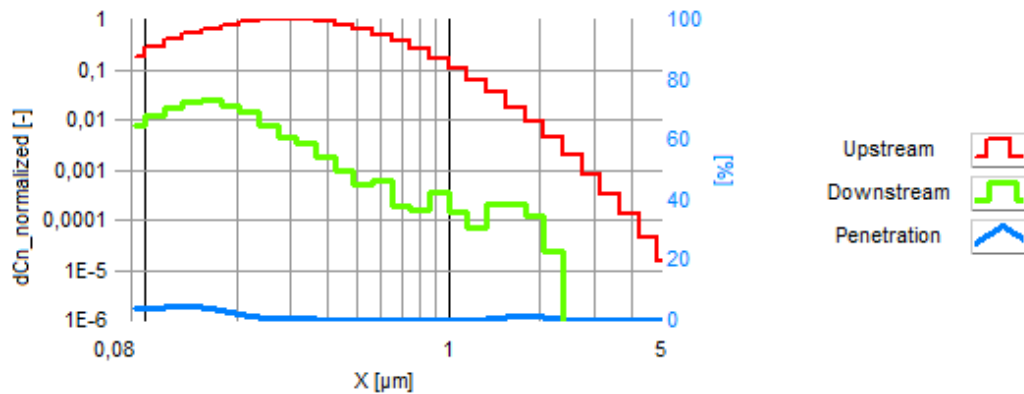
Mask ID	13868_20220906_141527
Mask lot	220905-S-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

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)	4.21 %	20.00 %	✔ pass
P_m	0.33 %		
P_Ph_45°	0.29 %	6.00 %	✔ pass

Distributions



Calibration expired since 03.09.2022

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	06.09.2022	14:11:08	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	26.09 °C
Aerosol	Pressurized air	rel. humidity	3.81 %

Mask information

Mask ID	13868_20220906_141108
Mask lot	220905-S-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.14 l/min	20.86 Pa	70.00 Pa	✔ pass
Inhalation 2	94.79 l/min	84.01 Pa	240.00 Pa	✔ pass
Exhalation	159.88 l/min	154.28 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022