

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	08.09.2022	11:39:05	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.84 l/min
Generator air	2.44 l/min

Test conditions	
Temperature	24.66 °C
rel. humidity	5.47 %
Mass concentration	17.41 mg/m ³

Mask information

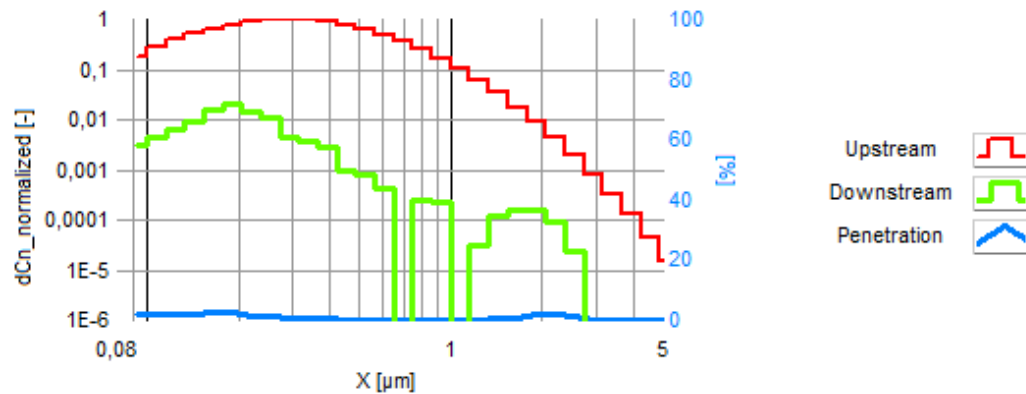
Mask ID	13868_20220908_113905
Mask lot	220906-S-L5-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

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)	1.86 %	20.00 %	✓ pass
P_m	0.36 %		
P_Ph_45°	0.31 %	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	11:34:17	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	24.47 °C
Aerosol	Pressurized air	rel. humidity	4.18 %

Mask information

Mask ID	13868_20220908_113417
Mask lot	220906-S-L5-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.20 l/min	41.21 Pa	70.00 Pa	✔ pass
Inhalation 2	94.84 l/min	129.84 Pa	240.00 Pa	✔ pass
Exhalation	160.00 l/min	251.62 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	15:14:18	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.83 l/min
Generator air	2.44 l/min

Test conditions	
Temperature	27.12 °C
rel. humidity	2.65 %
Mass concentration	21.03 mg/m ³

Mask information

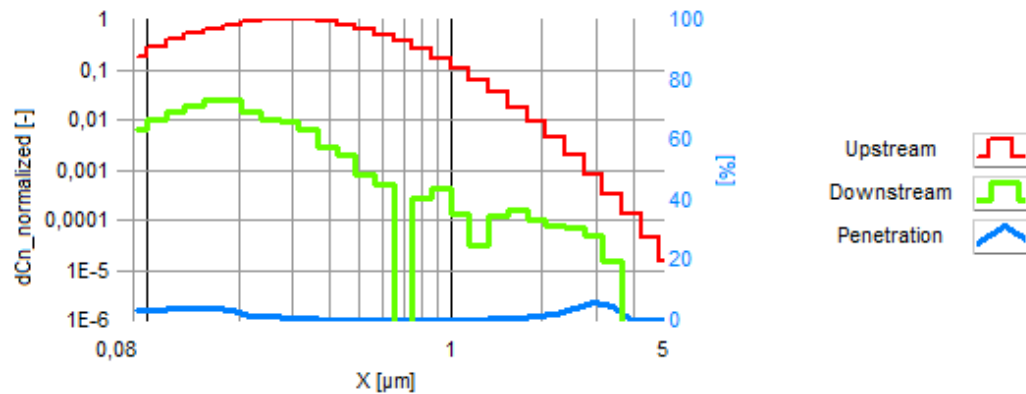
Mask ID	13868_20220906_151418
Mask lot	220906-F-L5-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

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)	3.69 %	20.00 %	✔ pass
P_m	0.57 %		
P_Ph_45°	0.42 %	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	15:10:12	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	27.11 °C
Aerosol	Pressurized air	rel. humidity	1.97 %

Mask information

Mask ID	13868_20220906_151012
Mask lot	220906-F-L5-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.24 l/min	36.20 Pa	70.00 Pa	✔ pass
Inhalation 2	94.96 l/min	132.45 Pa	240.00 Pa	✔ pass
Exhalation	160.04 l/min	248.40 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022