

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	13.09.2022	15:08:49	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	25.64 °C
rel. humidity	3.69 %
Mass concentration	20.11 mg/m³

## Mask information

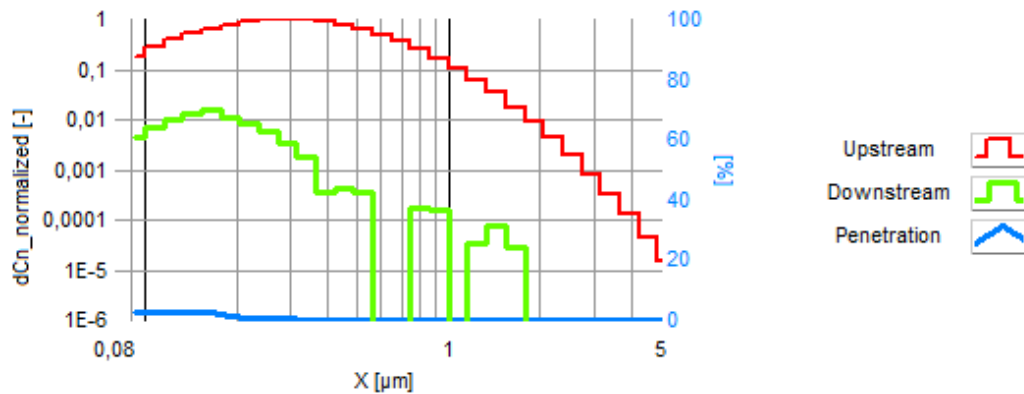
Mask ID	13868_20220913_150849
Mask lot	220913-F-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	2.56 %	20.00 %	✓ pass
P_m	0.09 %		
P_Ph_45°	0.13 %	6.00 %	✓ pass

## Distributions



Calibration expired since 03.09.2022

## Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	13.09.2022	15:03:17	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	25.57 °C
Aerosol	Pressurized air	rel. humidity	2.44 %

### Mask information

Mask ID	13868_20220913_150317
Mask lot	220913-F-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.33 l/min	26.69 Pa	70.00 Pa	✔ pass
Inhalation 2	94.82 l/min	95.91 Pa	240.00 Pa	✔ pass
Exhalation	160.02 l/min	173.05 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	14.09.2022	10:25:06	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	25.54 °C
rel. humidity	4.23 %
Mass concentration	20.01 mg/m <sup>3</sup>

### Mask information

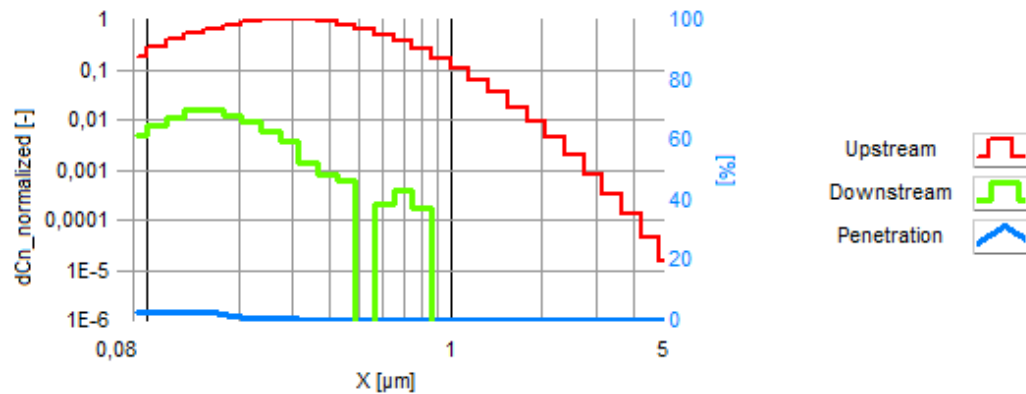
Mask ID	13868_20220914_102506
Mask lot	220913-S-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	2.80 %	20.00 %	✓ pass
P_m	0.07 %		
P_Ph_45°	0.14 %	6.00 %	✓ pass

### Distributions



Calibration expired since 03.09.2022

## Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Dustin	14.09.2022	10:20:55	1.11.1.0

### Basic information

Operation parameter	
Script	Atemwiderstand
Aerosol	Pressurized air

Test conditions	
Temperature	25.44 °C
rel. humidity	3.41 %

### Mask information

Mask ID	13868_20220914_102055
Mask lot	220913-S-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.03 l/min	37.15 Pa	70.00 Pa	✔ pass
Inhalation 2	94.84 l/min	108.25 Pa	240.00 Pa	✔ pass
Exhalation	159.97 l/min	182.95 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022