

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	22.08.2022	10:42:30	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	25.13 °C
rel. humidity	4.39 %
Mass concentration	19.50 mg/m³

## Mask information

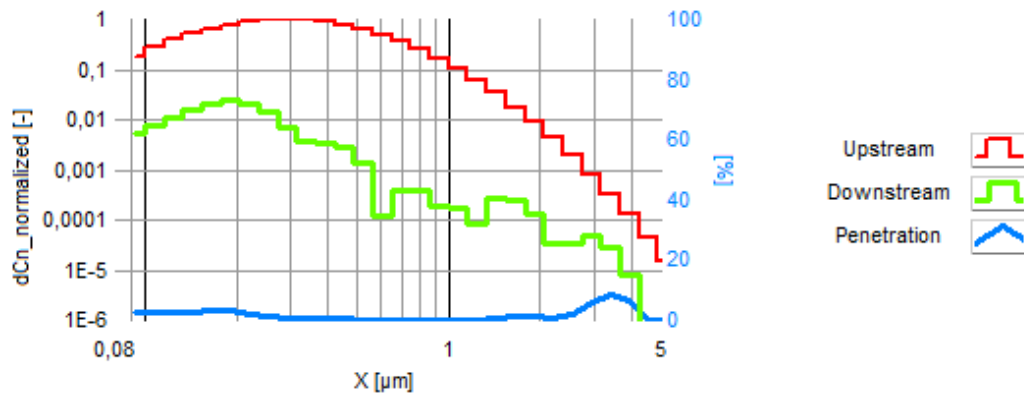
Mask ID	13868_20220822_104230
Mask lot	220819-F-L5-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	2.95 %	20.00 %	✔ pass
P_m	0.65 %		
P_Ph_45°	0.45 %	6.00 %	✔ pass

## Distributions



Calibration valid until 03.09.2022

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

Operator	Date	Time	Vesion
Dustin	22.08.2022	10:37:58	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	25.15 °C
Aerosol	Pressurized air	rel. humidity	3.80 %

### Mask information

Mask ID	13868_20220822_103758
Mask lot	220819-F-L5-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.08 l/min	44.19 Pa	70.00 Pa	✔ pass
Inhalation 2	94.79 l/min	157.61 Pa	240.00 Pa	✔ pass
Exhalation	160.04 l/min	282.97 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	22.08.2022	09:51:01	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	24.52 °C
rel. humidity	4.22 %
Mass concentration	19.13 mg/m³

## Mask information

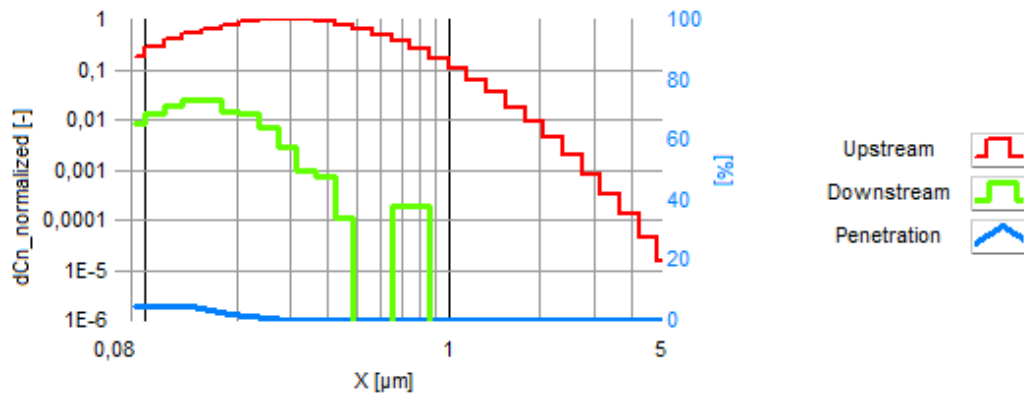
Mask ID	13868_20220822_095101
Mask lot	220819-F-L5-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	4.46 %	20.00 %	✓ pass
P_m	0.06 %		
P_Ph_45°	0.13 %	6.00 %	✓ pass

## Distributions



Calibration valid until 03.09.2022

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

Operator	Date	Time	Vesion
Dustin	22.08.2022	09:46:18	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	24.49 °C
Aerosol	Pressurized air	rel. humidity	3.44 %

### Mask information

Mask ID	13868_20220822_094618
Mask lot	220819-F-L5-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.15 l/min	31.93 Pa	70.00 Pa	✔ pass
Inhalation 2	94.80 l/min	118.63 Pa	240.00 Pa	✔ pass
Exhalation	160.08 l/min	242.49 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022