

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	08.09.2022	11:49:34	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	24.76 °C
rel. humidity	3.76 %
Mass concentration	21.59 mg/m³

## Mask information

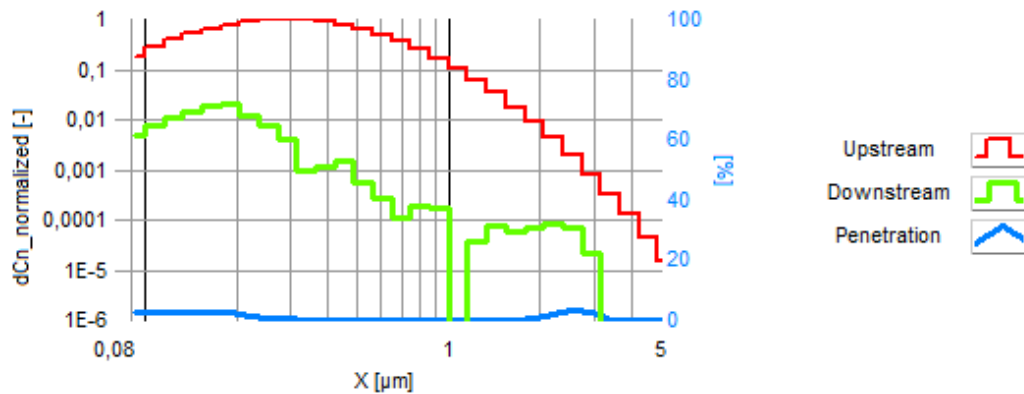
Mask ID	13868_20220908_114934
Mask lot	220906-S-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	2.84 %	20.00 %	✔ pass
P_m	0.35 %		
P_Ph_45°	0.23 %	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	11:45:36	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	24.69 °C
Aerosol	Pressurized air	rel. humidity	2.63 %

### Mask information

Mask ID	13868_20220908_114536
Mask lot	220906-S-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.28 l/min	38.47 Pa	70.00 Pa	✔ pass
Inhalation 2	94.82 l/min	118.59 Pa	240.00 Pa	✔ pass
Exhalation	160.07 l/min	202.62 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	15:02:36	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	27.01 °C
rel. humidity	2.63 %
Mass concentration	20.30 mg/m <sup>3</sup>

### Mask information

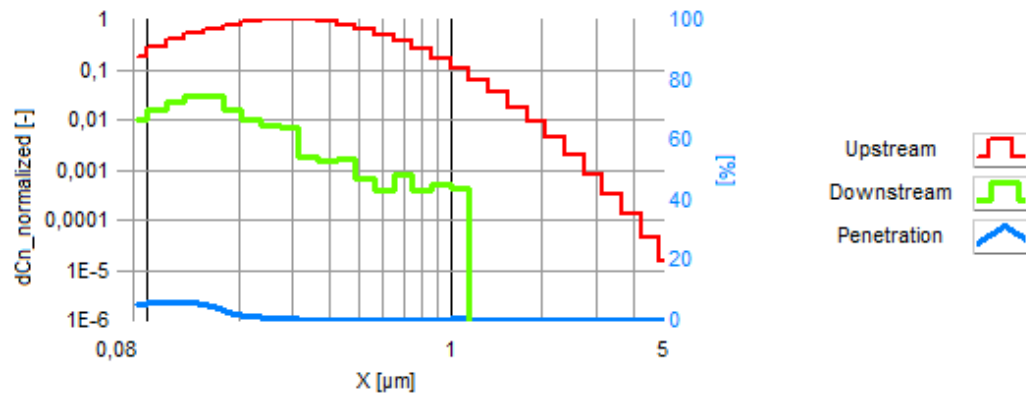
Mask ID	13868_20220906_150236
Mask lot	220906-F-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	5.56 %	20.00 %	✔ pass
P_m	0.19 %		
P_Ph_45°	0.27 %	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	14:58:38	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	26.91 °C
Aerosol	Pressurized air	rel. humidity	1.93 %

### Mask information

Mask ID	13868_20220906_145838
Mask lot	220906-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	24.61 Pa	70.00 Pa	✔ pass
Inhalation 2	94.88 l/min	93.92 Pa	240.00 Pa	✔ pass
Exhalation	160.03 l/min	169.01 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022