

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	22.08.2022	09:39:19	1.11.1.0

### Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.82 l/min
Generator air	2.44 l/min

Test conditions	
Temperature	24.54 °C
rel. humidity	5.37 %
Mass concentration	17.01 mg/m <sup>3</sup>

### Mask information

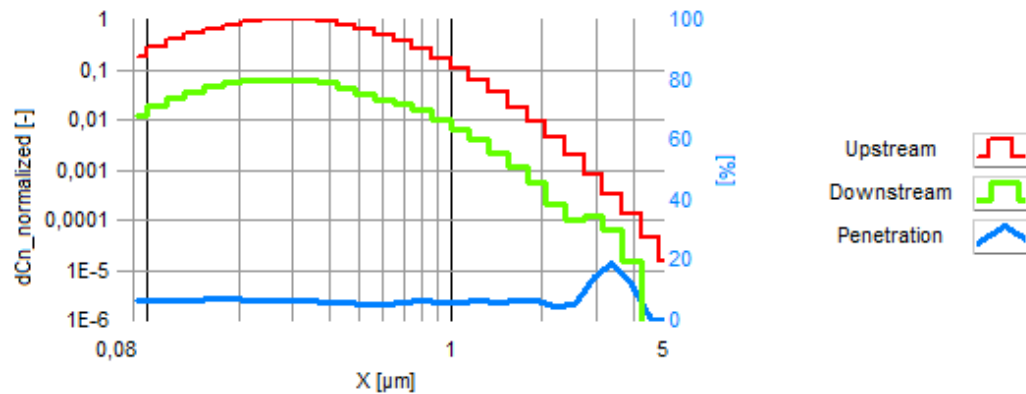
Mask ID	13868_20220822_093919
Mask lot	220819-S-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	6.83 %	20.00 %	✔ pass
P_m	6.15 %		
P_Ph_45°	5.96 %	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	09:34:31	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	24.63 °C
Aerosol	Pressurized air	rel. humidity	4.45 %

### Mask information

Mask ID	13868_20220822_093431
Mask lot	220819-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	27.55 Pa	70.00 Pa	✔ pass
Inhalation 2	94.82 l/min	99.01 Pa	240.00 Pa	✔ pass
Exhalation	159.95 l/min	171.97 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	19.08.2022	12:56:46	1.11.1.0

### Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.87 l/min
Generator air	2.49 l/min

Test conditions	
Temperature	24.93 °C
rel. humidity	3.84 %
Mass concentration	23.42 mg/m <sup>3</sup>

### Mask information

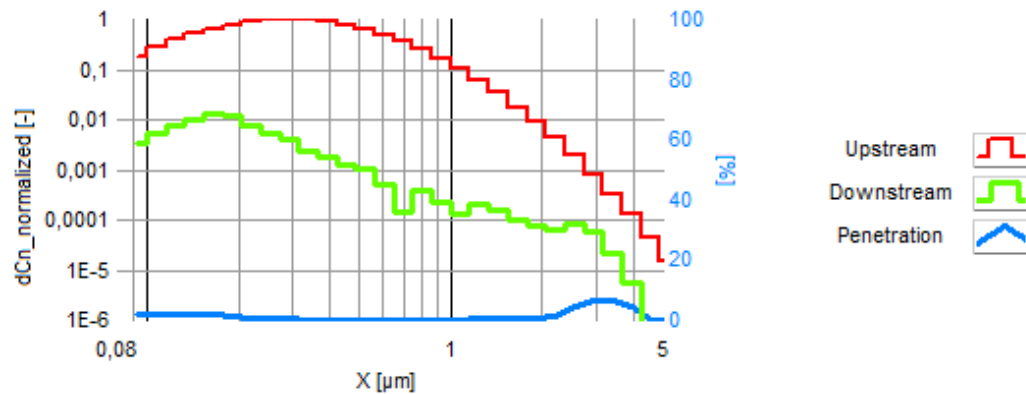
Mask ID	13868_20220819_125646
Mask lot	220819-F-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	1.96 %	20.00 %	✔ pass
P_m	0.58 %		
P_Ph_45°	0.29 %	6.00 %	✔ pass

### Distributions



Calibration valid until 03.09.2022

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

Operator	Date	Time	Vesion
Dustin	19.08.2022	12:52:18	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	24.86 °C
Aerosol	Pressurized air	rel. humidity	2.93 %

### Mask information

Mask ID	13868_20220819_125218
Mask lot	220819-F-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.28 l/min	27.40 Pa	70.00 Pa	✔ pass
Inhalation 2	94.78 l/min	96.39 Pa	240.00 Pa	✔ pass
Exhalation	160.04 l/min	171.50 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022