

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

Operator	Date	Time	Vesion
Saad	18.08.2022	08:52:36	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	25.45 °C
Aerosol	Pressurized air	rel. humidity	3.77 %

### Mask information

Mask ID	13868_20220818_085236
Mask lot	220818-F-L5-2-MLK-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.06 l/min	36.21 Pa	70.00 Pa	✔ pass
Inhalation 2	94.80 l/min	103.82 Pa	240.00 Pa	✔ pass
Exhalation	159.99 l/min	178.16 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad	18.08.2022	08:57:07	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	25.35 °C
rel. humidity	2.74 %
Mass concentration	20.03 mg/m <sup>3</sup>

### Mask information

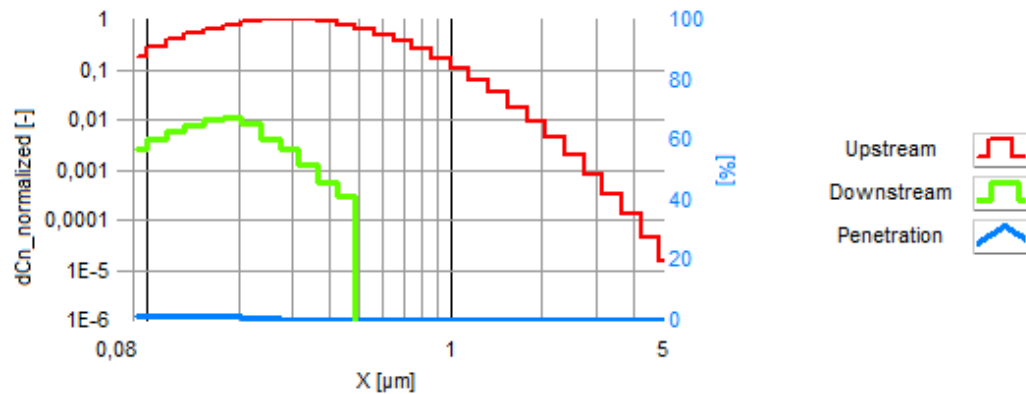
Mask ID	13868_20220818_085707
Mask lot	220818-F-L5-2-MLK-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	1.53 %	20.00 %	✓ pass
P_m	0.04 %		
P_Ph_45°	0.09 %	6.00 %	✓ pass

### Distributions



Calibration valid until 03.09.2022

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	19.08.2022	12:44:29	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	24.76 °C
rel. humidity	5.02 %
Mass concentration	21.60 mg/m³

## Mask information

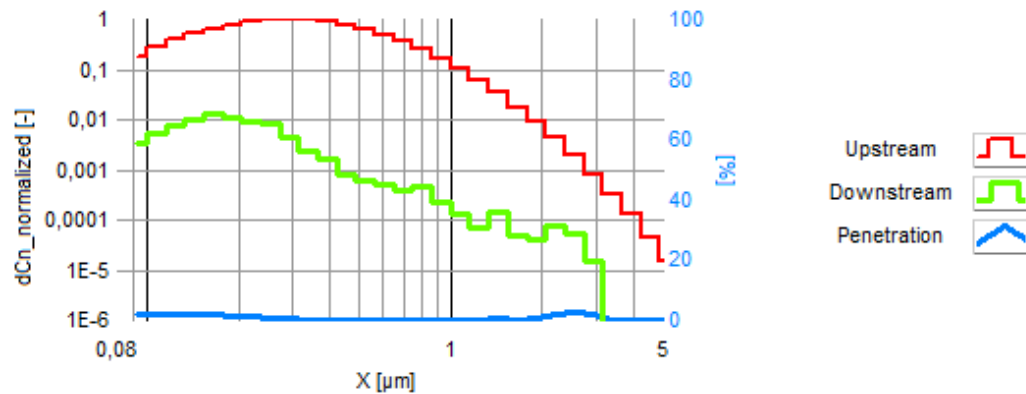
Mask ID	13868_20220819_124429
Mask lot	220818-S-L5-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	1.99 %	20.00 %	✔ pass
P_m	0.34 %		
P_Ph_45°	0.26 %	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	12:39:40	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	24.55 °C
Aerosol	Pressurized air	rel. humidity	4.34 %

### Mask information

Mask ID	13868_20220819_123940
Mask lot	220818-S-L5-2-MLK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.03 l/min	30.35 Pa	70.00 Pa	✔ pass
Inhalation 2	94.84 l/min	110.20 Pa	240.00 Pa	✔ pass
Exhalation	159.97 l/min	217.54 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022