

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

Operator	Date	Time	Vesion
Carsten	13.10.2022	13:48:45	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	24.88 °C
Aerosol	Pressurized air	rel. humidity	3.39 %

### Mask information

Mask ID	13868_20221013_134845
Mask lot	221012-F-L3-2-M2a-A-IN_D
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.04 l/min	29.39 Pa	70.00 Pa	✔ pass
Inhalation 2	94.75 l/min	105.14 Pa	240.00 Pa	✔ pass
Exhalation	159.85 l/min	188.35 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	13.10.2022	13:56:27	1.11.1.0

## Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.88 l/min
Generator air	2.53 l/min

Test conditions	
Temperature	24.86 °C
rel. humidity	3.98 %
Mass concentration	22.83 mg/m³

## Mask information

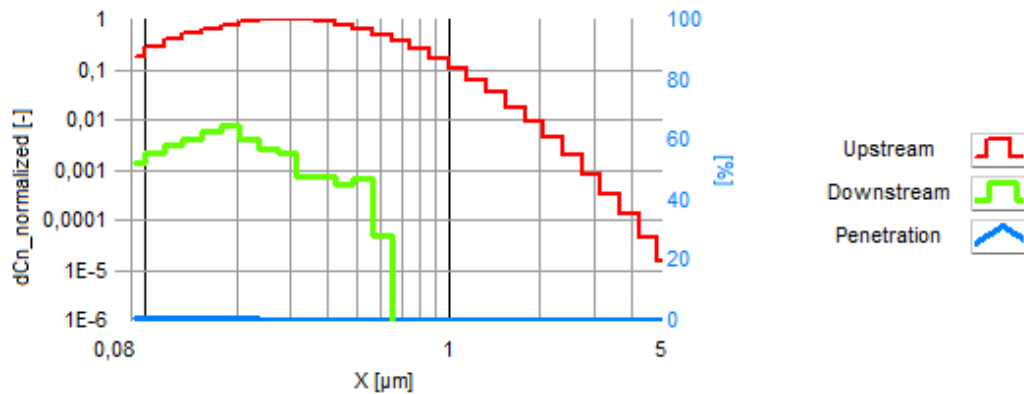
Mask ID	13868_20221013_135627
Mask lot	221012-F-L3-2-M2a-A-IN_D
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	0.82 %	20.00 %	✔ pass
P_m	0.03 %		
P_Ph_45°	0.08 %	6.00 %	✔ pass

## Distributions



Calibration expired since 03.09.2022