

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

Operator	Date	Time	Vesion
Saad Benchakroun	07.12.2021	13:05:02	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.44 °C
Aerosol	Pressurized air	rel. humidity	2.90 %

### Mask information

Mask ID	13868_20211207_130502
Mask lot	211204-F-L2-2-XS-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.04 l/min	31.32 Pa	70.00 Pa	✔ pass
Inhalation 2	94.65 l/min	95.65 Pa	240.00 Pa	✔ pass
Exhalation	159.87 l/min	154.54 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	07.12.2021	13:10:05	1.11.1.0

## Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	95.05 l/min
Generator air	2.88 l/min

Test conditions	
Temperature	22.50 °C
rel. humidity	2.37 %
Mass concentration	19.53 mg/m³

## Mask information

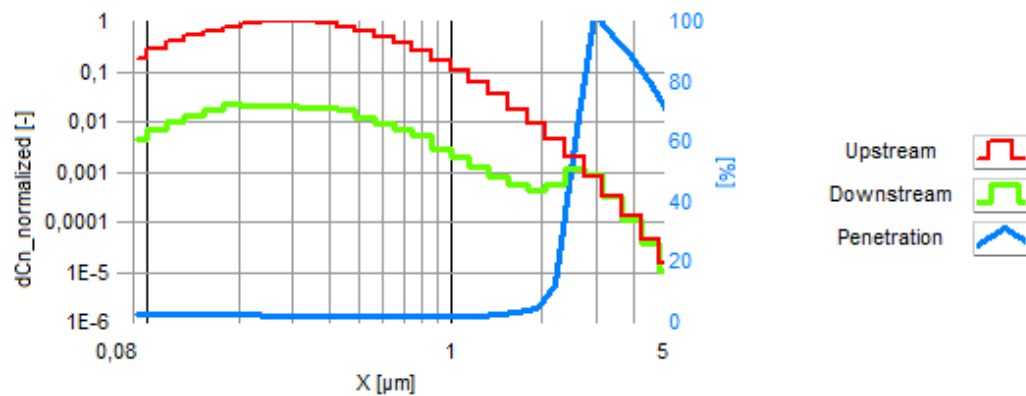
Mask ID	13868_20211207_131005
Mask lot	211204-F-L2-2-XS-A-IN
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	2.55 %	30.00 %	✓ pass
P_m	7.00 %		
P_Ph_45°	2.79 %	6.00 %	✓ pass

## Distributions



Calibration valid until 03.09.2022