

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

Operator	Date	Time	Vesion
Saad Benchakroun	25.01.2022	12:49:42	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	21.35 °C
Aerosol	Pressurized air	rel. humidity	3.03 %

### Mask information

Mask ID	13868_20220125_124942
Mask lot	220125-F-L3-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.16 l/min	34.96 Pa	70.00 Pa	✔ pass
Inhalation 2	94.84 l/min	98.67 Pa	240.00 Pa	✔ pass
Exhalation	159.99 l/min	164.00 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	25.01.2022	12:53:57	1.11.1.0

## Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.83 l/min
Generator air	2.68 l/min

Test conditions	
Temperature	21.44 °C
rel. humidity	2.89 %
Mass concentration	20.78 mg/m³

## Mask information

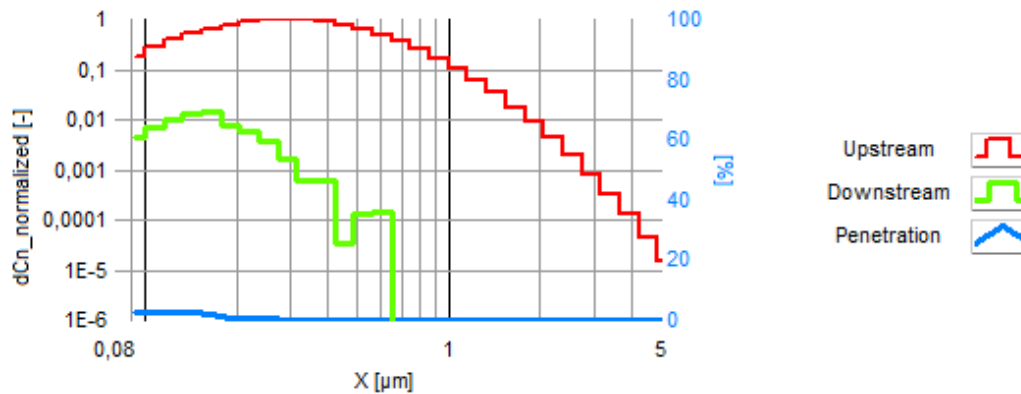
Mask ID	13868_20220125_125357
Mask lot	220125-F-L3-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	2.48 %	6.00 %	✓ pass
P_m	0.03 %		
P_Ph_45°	0.07 %	6.00 %	✓ pass

## Distributions



Calibration valid until 03.09.2022