

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

Operator	Date	Time	Vesion
Saad Benchakroun	17.01.2022	09:19:42	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	17.63 °C
Aerosol	Pressurized air	rel. humidity	4.64 %

### Mask information

Mask ID	13868_20220117_091942
Mask lot	220117-F-L1-2-M2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	29.99 l/min	33.81 Pa	70.00 Pa	✔ pass
Inhalation 2	94.66 l/min	101.37 Pa	240.00 Pa	✔ pass
Exhalation	160.02 l/min	173.67 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	17.01.2022	09:23:55	1.11.1.0

## Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.88 l/min
Generator air	2.75 l/min

Test conditions	
Temperature	17.73 °C
rel. humidity	4.03 %
Mass concentration	18.26 mg/m³

## Mask information

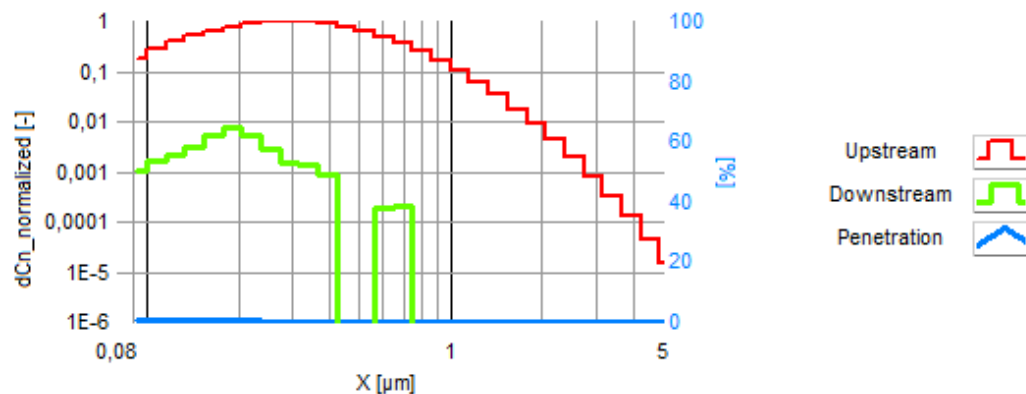
Mask ID	13868_20220117_092355
Mask lot	220117-F-L1-2-M2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	0.63 %	6.00 %	✓ pass
P_m	0.03 %		
P_Ph_45°	0.07 %	6.00 %	✓ pass

## Distributions



Calibration valid until 03.09.2022