

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

Operator	Date	Time	Vesion
Christopher Reinhold	16.11.2021	14:48:46	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	23.45 °C
Aerosol	Pressurized air	rel. humidity	3.24 %

### Mask information

Mask ID	13868_20211116_144846
Mask lot	211116-F-04-2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.08 l/min	32.79 Pa	70.00 Pa	✔ pass
Inhalation 2	94.80 l/min	99.39 Pa	240.00 Pa	✔ pass
Exhalation	159.86 l/min	170.47 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Christopher Reinhold	16.11.2021	14:56:39	1.11.1.0

## Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.95 l/min
Generator air	2.59 l/min

Test conditions	
Temperature	23.39 °C
rel. humidity	2.68 %
Mass concentration	19.69 mg/m³

## Mask information

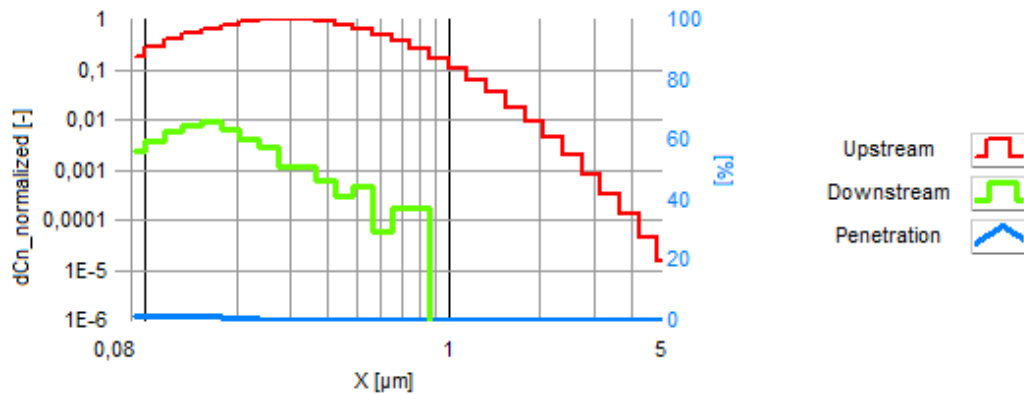
Mask ID	13868_20211116_145639
Mask lot	211116-F-04-2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	1.43 %	30.00 %	✔ pass
P_m	0.04 %		
P_Ph_45°	0.08 %	6.00 %	✔ pass

## Distributions



Calibration valid until 03.09.2022