

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

Operator	Date	Time	Vesion
Christopher Reinhold	30.09.2021	12:35:16	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.33 °C
Aerosol	Pressurized air	rel. humidity	3.43 %

### Mask information

Mask ID	13868_20210930_123516
Mask lot	210929-F-03-02-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.14 l/min	35.28 Pa	70.00 Pa	✔ pass
Inhalation 2	94.89 l/min	110.93 Pa	240.00 Pa	✔ pass
Exhalation	159.98 l/min	182.91 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Christopher Reinhold	30.09.2021	12:39:50	1.11.1.0

## Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	95.01 l/min
Generator air	2.79 l/min

Test conditions	
Temperature	22.35 °C
rel. humidity	2.83 %
Mass concentration	16.49 mg/m <sup>3</sup>

## Mask information

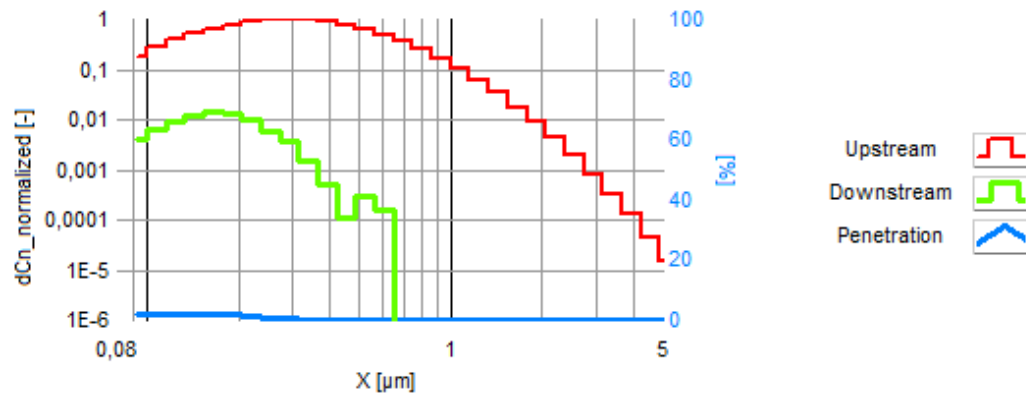
Mask ID	13868_20210930_123950
Mask lot	210929-F-03-02-A-IN
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	2.24 %	30.00 %	✓ pass
P_m	0.05 %		
P_Ph_45°	0.11 %	6.00 %	✓ pass

## Distributions



Calibration valid until 03.09.2022