

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

Operator	Date	Time	Vesion
Christopher Reinhold	05.11.2021	15:56:02	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.42 °C
Aerosol	Pressurized air	rel. humidity	3.77 %

### Mask information

Mask ID	13868_20211105_155602
Mask lot	211105-S-01-2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	29.98 l/min	35.91 Pa	70.00 Pa	✔ pass
Inhalation 2	94.66 l/min	109.99 Pa	240.00 Pa	✔ pass
Exhalation	159.96 l/min	183.43 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Christopher Reinhold	05.11.2021	15:59:49	1.11.1.0

## Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.94 l/min
Generator air	2.59 l/min

Test conditions	
Temperature	22.44 °C
rel. humidity	3.08 %
Mass concentration	19.44 mg/m³

## Mask information

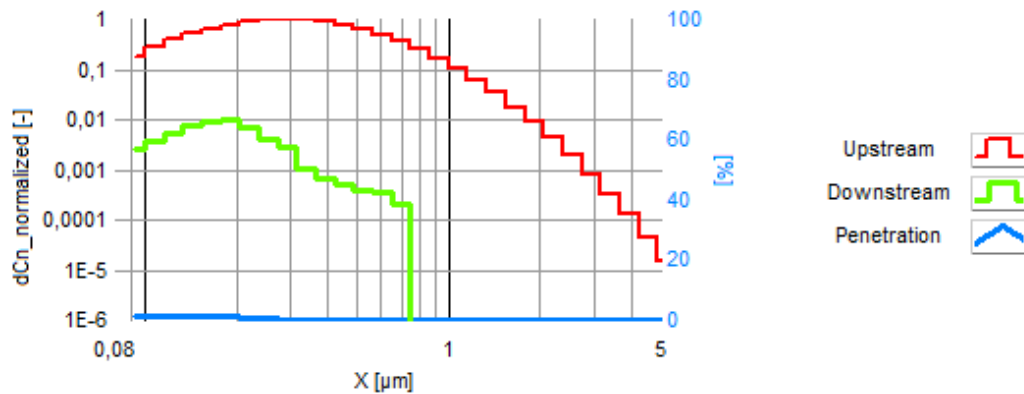
Mask ID	13868_20211105_155949
Mask lot	211105-S-01-2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	1.42 %	30.00 %	✓ pass
P_m	0.05 %		
P_Ph_45°	0.10 %	6.00 %	✓ pass

## Distributions



Calibration valid until 03.09.2022