

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

Operator	Date	Time	Vesion
Svenja Wilk	10.09.2021	10:09:15	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	28.08 °C
Aerosol	Pressurized air	rel. humidity	3.01 %

### Mask information

Mask ID	13868_20210910_100915
Mask lot	210827-S-L1-002-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.06 l/min	33.77 Pa	70.00 Pa	✔ pass
Inhalation 2	94.85 l/min	119.65 Pa	240.00 Pa	✔ pass
Exhalation	159.98 l/min	212.93 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Svenja Wilk	10.09.2021	13:03:51	1.11.1.0

## Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.80 l/min
Generator air	2.44 l/min

Test conditions	
Temperature	27.99 °C
rel. humidity	2.34 %
Mass concentration	2.43 mg/m <sup>3</sup>

## Mask information

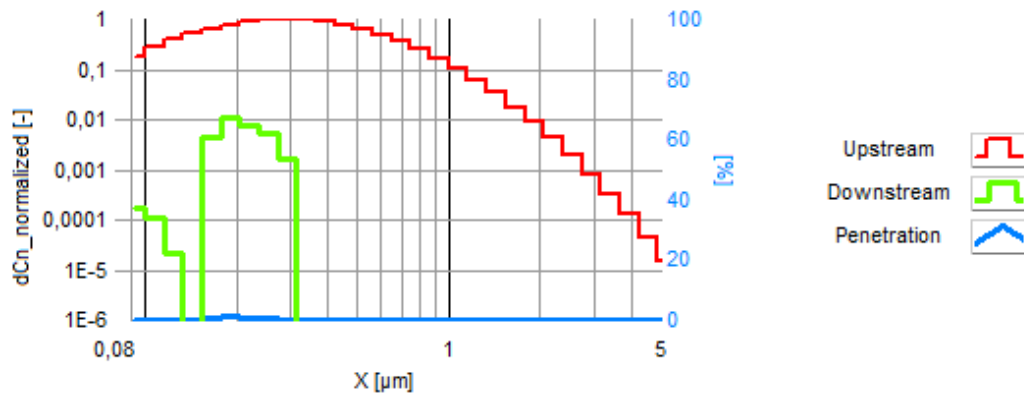
Mask ID	13868_20210910_130351
Mask lot	210827-S-L1-002-A-IN
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	0.18 %	30.00 %	✓ pass
P_m	0.02 %		
P_Ph_45°	0.06 %	6.00 %	✓ pass

## Distributions



Calibration valid until 03.09.2022