

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

Operator	Date	Time	Vesion
Svenja Wilk	09.09.2021	16:28:32	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	28.47 °C
Aerosol	Pressurized air	rel. humidity	1.93 %

### Mask information

Mask ID	13868_20210909_162832
Mask lot	20210825-S-L1-002-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.22 l/min	45.73 Pa	70.00 Pa	✔ pass
Inhalation 2	94.94 l/min	156.64 Pa	240.00 Pa	✔ pass
Exhalation	160.10 l/min	272.02 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Svenja Wilk	09.09.2021	16:33:33	1.11.1.0

## Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.83 l/min
Generator air	2.44 l/min

Test conditions	
Temperature	28.57 °C
rel. humidity	2.18 %
Mass concentration	19.14 mg/m³

## Mask information

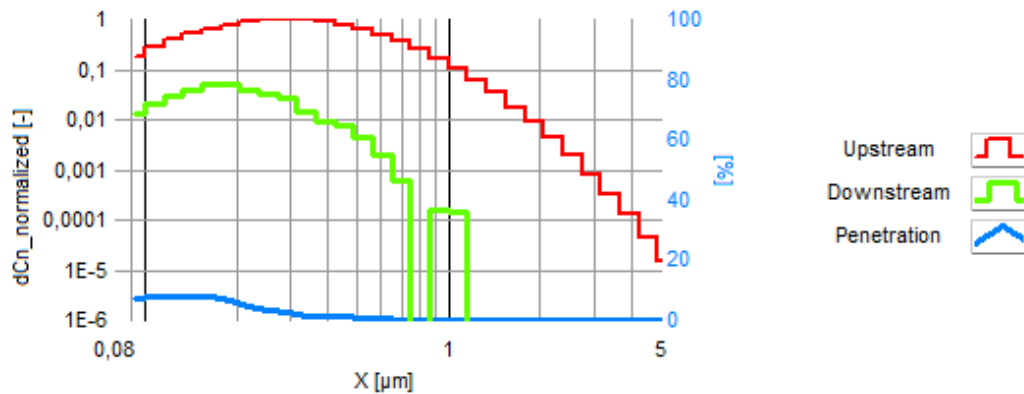
Mask ID	13868_20210909_163333
Mask lot	20210825-S-L1-002-A-IN
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	7.64 %	30.00 %	✓ pass
P_m	0.41 %		
P_Ph_45°	0.96 %	6.00 %	✓ pass

## Distributions



Calibration valid until 03.09.2022