

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

Operator	Date	Time	Vesion
Carsten	27.09.2022	11:01:31	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.03 °C
Aerosol	Pressurized air	rel. humidity	2.86 %

### Mask information

Mask ID	13868_20220927_110131
Mask lot	220926-F-L5-1-LK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.13 l/min	32.50 Pa	70.00 Pa	✔ pass
Inhalation 2	94.66 l/min	106.86 Pa	240.00 Pa	✔ pass
Exhalation	160.02 l/min	191.61 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	27.09.2022	11:07:56	1.11.1.0

## Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.96 l/min
Generator air	2.63 l/min

Test conditions	
Temperature	22.12 °C
rel. humidity	3.71 %
Mass concentration	17.63 mg/m³

## Mask information

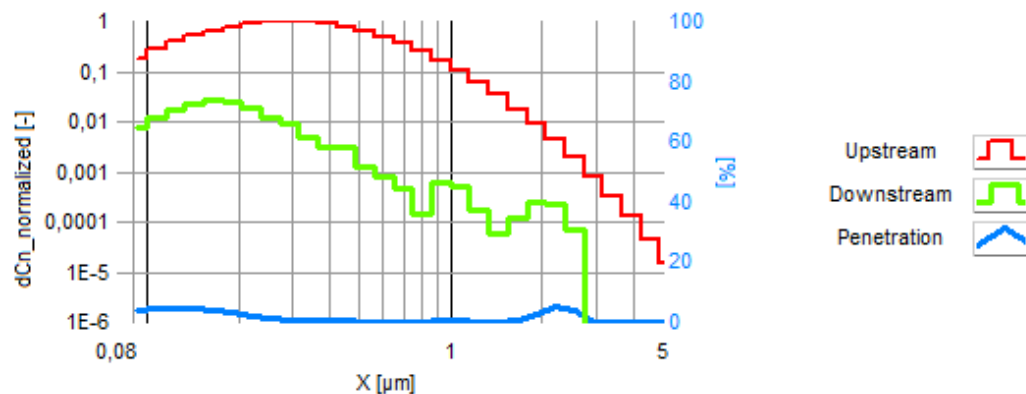
Mask ID	13868_20220927_110756
Mask lot	220926-F-L5-1-LK-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	4.31 %	20.00 %	✔ pass
P_m	0.68 %		
P_Ph_45°	0.50 %	6.00 %	✔ pass

## Distributions



Calibration expired since 03.09.2022