

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

Operator	Date	Time	Vesion
Carsten	27.05.2022	09:37:53	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.12 °C
Aerosol	Pressurized air	rel. humidity	3.96 %

### Mask information

Mask ID	13868_20220527_093753
Mask lot	220526-F-L1-2-M2a-A-IN_D
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.10 l/min	40.21 Pa	70.00 Pa	✔ pass
Inhalation 2	94.84 l/min	131.76 Pa	240.00 Pa	✔ pass
Exhalation	159.88 l/min	197.24 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	27.05.2022	09:42:11	1.11.1.0

## Basic information

Operation parameter		Test conditions	
Script	Effizienz Test (Öl)	Temperature	22.12 °C
Aerosol	Oil	rel. humidity	3.03 %
Main air	94.81 l/min	Mass concentration	20.54 mg/m³
Generator air	2.68 l/min		

## Mask information

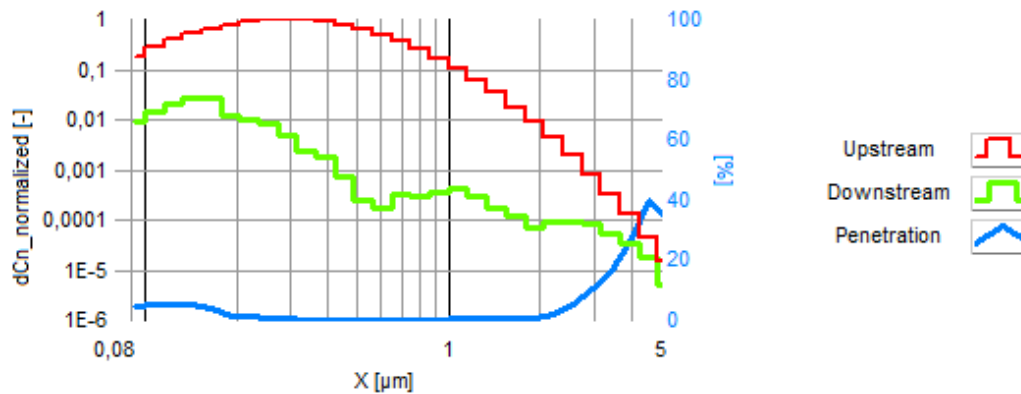
Mask ID	13868_20220527_094211
Mask lot	220526-F-L1-2-M2a-A-IN_D
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	4.85 %	20.00 %	✔ pass
P_m	1.12 %		
P_Ph_45°	0.37 %	6.00 %	✔ pass

## Distributions



Calibration valid until 03.09.2022