

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

Operator	Date	Time	Vesion
Carsten	29.09.2022	12:38:34	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	23.10 °C
Aerosol	Pressurized air	rel. humidity	2.56 %

### Mask information

Mask ID	13868_20220929_123834
Mask lot	220929-F-L4-2-M2a-A-IN_
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.23 l/min	24.94 Pa	70.00 Pa	✔ pass
Inhalation 2	94.86 l/min	90.74 Pa	240.00 Pa	✔ pass
Exhalation	160.01 l/min	163.18 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	29.09.2022	12:44:38	1.11.1.0

### Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.97 l/min
Generator air	2.62 l/min

Test conditions	
Temperature	23.20 °C
rel. humidity	3.88 %
Mass concentration	20.15 mg/m <sup>3</sup>

### Mask information

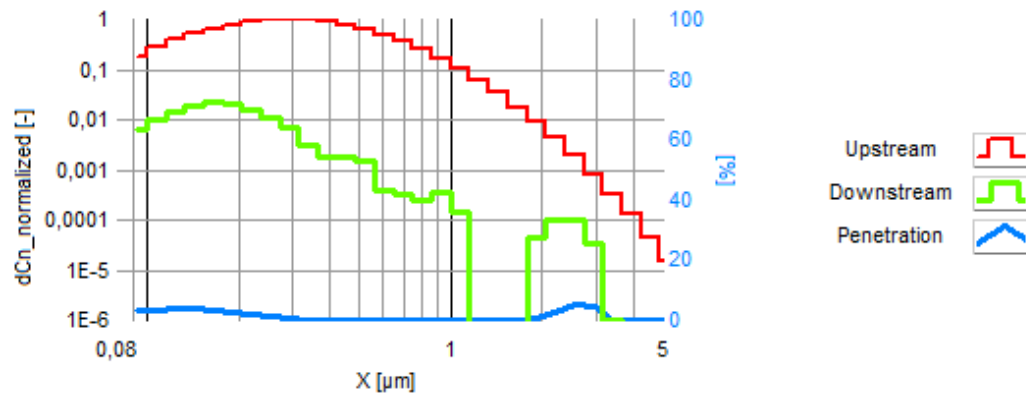
Mask ID	13868_20220929_124438
Mask lot	220929-F-L4-2-M2a-A-IN_
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	3.56 %	20.00 %	✔ pass
P_m	0.44 %		
P_Ph_45°	0.34 %	6.00 %	✔ pass

### Distributions



Calibration expired since 03.09.2022