

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

Operator	Date	Time	Vesion
Saad Benchakroun	21.12.2021	10:20:45	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	19.99 °C
Aerosol	Pressurized air	rel. humidity	3.04 %

### Mask information

Mask ID	13868_20211221_102045
Mask lot	211218-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	29.93 l/min	31.72 Pa	70.00 Pa	✔ pass
Inhalation 2	94.64 l/min	98.48 Pa	240.00 Pa	✔ pass
Exhalation	159.93 l/min	168.51 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	21.12.2021	10:24:46	1.11.1.0

### Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.97 l/min
Generator air	2.75 l/min

Test conditions	
Temperature	20.07 °C
rel. humidity	2.79 %
Mass concentration	20.59 mg/m <sup>3</sup>

### Mask information

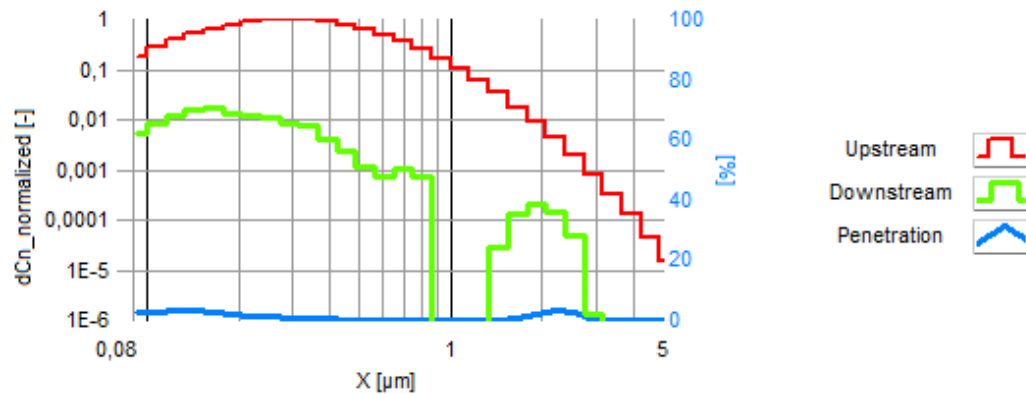
Mask ID	13868_20211221_102446
Mask lot	211218-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	2.92 %	6.00 %	✓ pass
P_m	0.50 %		
P_Ph_45°	0.46 %	6.00 %	✓ pass

### Distributions



Calibration valid until 03.09.2022