

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

Operator	Date	Time	Vesion
Saad Benchakroun	07.12.2021	12:23:57	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.22 °C
Aerosol	Pressurized air	rel. humidity	2.84 %

### Mask information

Mask ID	13868_20211207_122357
Mask lot	211204-F-L1-2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.01 l/min	29.79 Pa	70.00 Pa	✔ pass
Inhalation 2	94.80 l/min	92.55 Pa	240.00 Pa	✔ pass
Exhalation	159.95 l/min	165.95 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	07.12.2021	12:27:48	1.11.1.0

### Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	95.08 l/min
Generator air	2.88 l/min

Test conditions	
Temperature	22.24 °C
rel. humidity	2.44 %
Mass concentration	19.60 mg/m <sup>3</sup>

### Mask information

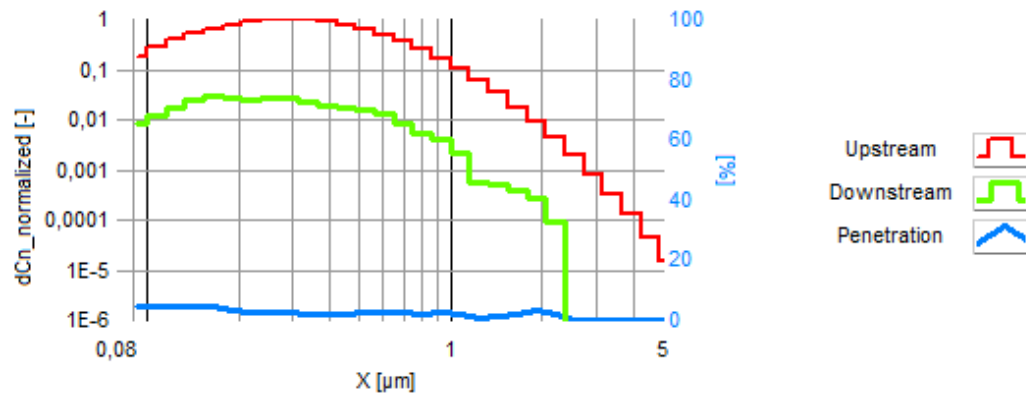
Mask ID	13868_20211207_122748
Mask lot	211204-F-L1-2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	4.50 %	30.00 %	✔ pass
P_m	2.04 %		
P_Ph_45°	2.28 %	6.00 %	✔ pass

### Distributions



Calibration valid until 03.09.2022