

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

Operator	Date	Time	Vesion
Saad Benchakroun	30.11.2021	14:46:39	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.03 °C
Aerosol	Pressurized air	rel. humidity	3.57 %

### Mask information

Mask ID	13868_20211130_144639
Mask lot	211130-F-L4-2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.02 l/min	32.67 Pa	70.00 Pa	✔ pass
Inhalation 2	94.66 l/min	98.34 Pa	240.00 Pa	✔ pass
Exhalation	159.83 l/min	168.98 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	30.11.2021	14:51:17	1.11.1.0

### Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.98 l/min
Generator air	2.63 l/min

Test conditions	
Temperature	22.12 °C
rel. humidity	2.91 %
Mass concentration	19.55 mg/m <sup>3</sup>

### Mask information

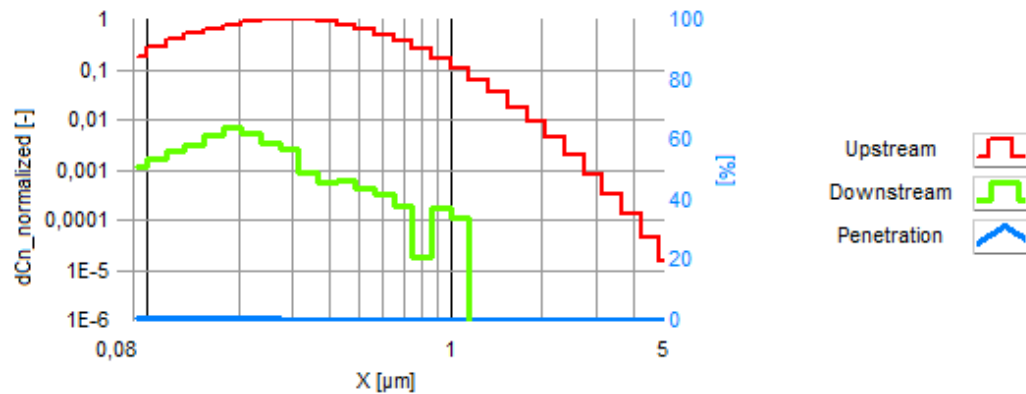
Mask ID	13868_20211130_145117
Mask lot	211130-F-L4-2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	0.63 %	30.00 %	✔ pass
P_m	0.06 %		
P_Ph_45°	0.10 %	6.00 %	✔ pass

### Distributions



Calibration valid until 03.09.2022