

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

Operator	Date	Time	Vesion
Saad Benchakroun	13.12.2021	15:19:40	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	23.98 °C
Aerosol	Pressurized air	rel. humidity	3.01 %

### Mask information

Mask ID	13868_20211213_151940
Mask lot	211212-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.06 l/min	31.20 Pa	70.00 Pa	✔ pass
Inhalation 2	94.76 l/min	95.37 Pa	240.00 Pa	✔ pass
Exhalation	159.96 l/min	165.45 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	13.12.2021	15:23:39	1.11.1.0

## Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.97 l/min
Generator air	2.63 l/min

Test conditions	
Temperature	23.98 °C
rel. humidity	2.83 %
Mass concentration	20.11 mg/m³

## Mask information

Mask ID	13868_20211213_152339
Mask lot	211212-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 $\mu\text{m}$ )	2.85 %	30.00 %	✓ pass
P_m	0.44 %		
P_Ph_45°	0.67 %	6.00 %	✓ pass

## Distributions

