

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

Operator	Date	Time	Vesion
Saad Benchakroun	20.05.2022	15:37:49	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	25.86 °C
Aerosol	Pressurized air	rel. humidity	3.11 %

### Mask information

Mask ID	13868_20220520_153749
Mask lot	220519-F-L1-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.11 l/min	22.99 Pa	70.00 Pa	✔ pass
Inhalation 2	94.77 l/min	86.27 Pa	240.00 Pa	✔ pass
Exhalation	159.94 l/min	155.13 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	20.05.2022	15:42:20	1.11.1.0

### Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	95.06 l/min
Generator air	2.78 l/min

Test conditions	
Temperature	25.84 °C
rel. humidity	2.23 %
Mass concentration	36.12 mg/m <sup>3</sup>

### Mask information

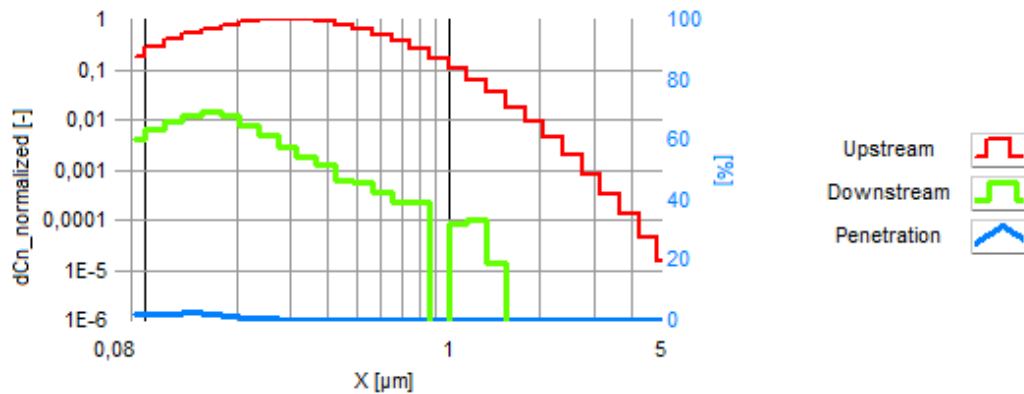
Mask ID	13868_20220520_154220
Mask lot	220519-F-L1-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	2.25 %	20.00 %	✓ pass
P_m	0.09 %		
P_Ph_45°	0.15 %	6.00 %	✓ pass

### Distributions



Calibration valid until 03.09.2022