

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

Operator	Date	Time	Vesion
Saad Benchakroun	01.02.2022	09:41:24	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	21.45 °C
Aerosol	Pressurized air	rel. humidity	2.94 %

### Mask information

Mask ID	13868_20220201_094124
Mask lot	220128-F-L1-2-M2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.07 l/min	34.54 Pa	70.00 Pa	✔ pass
Inhalation 2	94.82 l/min	102.31 Pa	240.00 Pa	✔ pass
Exhalation	159.90 l/min	174.14 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	01.02.2022	09:45:23	1.11.1.0

### Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.86 l/min
Generator air	2.68 l/min

Test conditions	
Temperature	21.52 °C
rel. humidity	2.61 %
Mass concentration	20.44 mg/m <sup>3</sup>

### Mask information

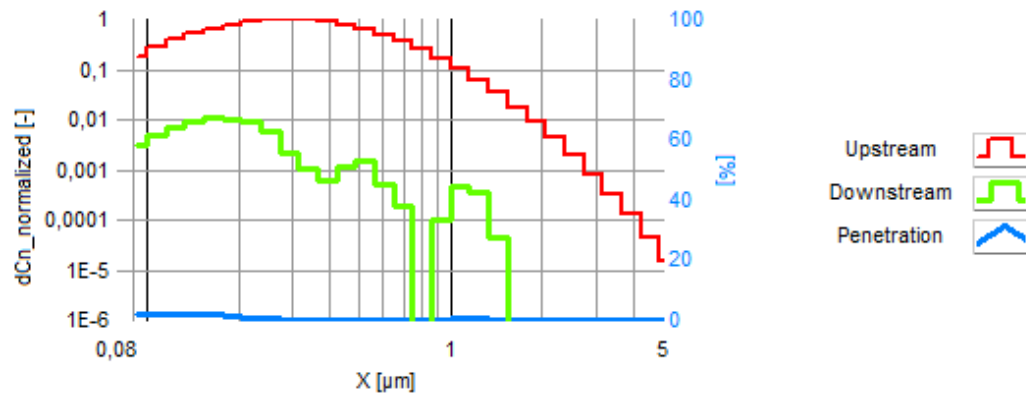
Mask ID	13868_20220201_094523
Mask lot	220128-F-L1-2-M2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	1.79 %	6.00 %	✔ pass
P_m	0.17 %		
P_Ph_45°	0.17 %	6.00 %	✔ pass

### Distributions



Calibration valid until 03.09.2022