

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

Operator	Date	Time	Vesion
Carsten	08.08.2022	13:16:06	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	25.45 °C
Aerosol	Pressurized air	rel. humidity	3.82 %

### Mask information

Mask ID	13868_20220808_131606
Mask lot	220808-F-L5-2-LK-A-IN_DMA
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.05 l/min	31.95 Pa	70.00 Pa	✔ pass
Inhalation 2	94.79 l/min	124.64 Pa	240.00 Pa	✔ pass
Exhalation	159.97 l/min	246.68 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	08.08.2022	13:29:08	1.11.1.0

### Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	95.05 l/min
Generator air	2.79 l/min

Test conditions	
Temperature	25.93 °C
rel. humidity	4.50 %
Mass concentration	20.43 mg/m <sup>3</sup>

### Mask information

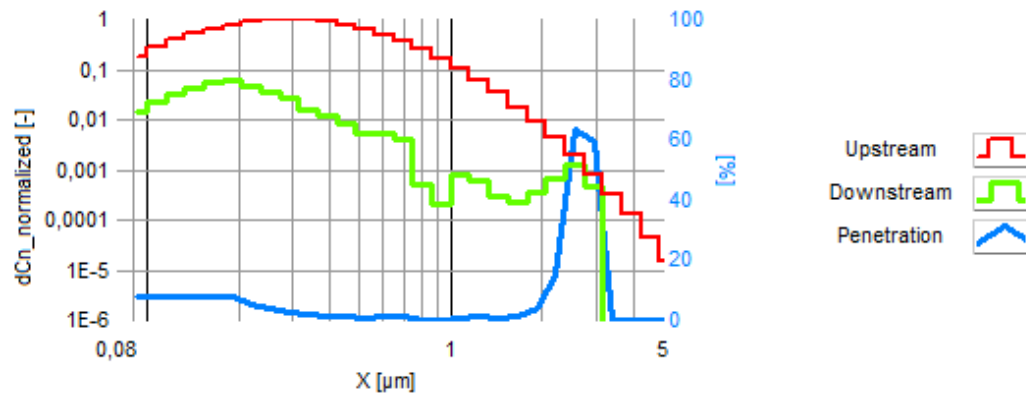
Mask ID	13868_20220808_132908
Mask lot	220808-F-L5-2-LK-B-IN_DMA
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	8.03 %	20.00 %	✔ pass
P_m	3.83 %		
P_Ph_45°	1.84 %	6.00 %	✔ pass

### Distributions



Calibration valid until 03.09.2022