

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

Operator	Date	Time	Vesion
Carsten	27.07.2022	11:20:52	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	24.86 °C
Aerosol	Pressurized air	rel. humidity	3.20 %

### Mask information

Mask ID	13868_20220727_112052
Mask lot	220727-F-L3-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.05 l/min	30.46 Pa	70.00 Pa	✔ pass
Inhalation 2	94.74 l/min	94.49 Pa	240.00 Pa	✔ pass
Exhalation	159.95 l/min	168.96 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	27.07.2022	11:28:34	1.11.1.0

### Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.88 l/min
Generator air	2.53 l/min

Test conditions	
Temperature	25.14 °C
rel. humidity	3.89 %
Mass concentration	10.95 mg/m <sup>3</sup>

### Mask information

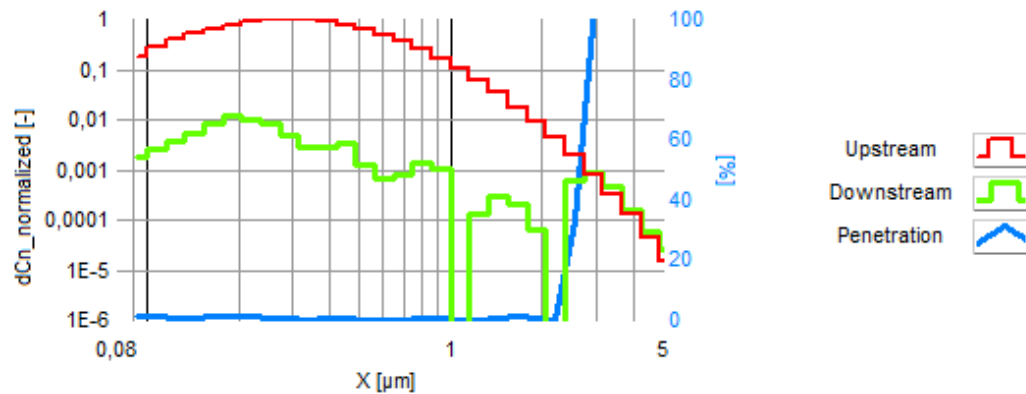
Mask ID	13868_20220727_112834
Mask lot	220727-F-L3-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	1.06 %	20.00 %	✓ pass
P_m	5.40 %		
P_Ph_45°	1.05 %	6.00 %	✓ pass

### Distributions



Calibration valid until 03.09.2022