

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

Operator	Date	Time	Vesion
Carsten	07.10.2022	15:38:43	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	24.87 °C
Aerosol	Pressurized air	rel. humidity	2.25 %

### Mask information

Mask ID	13868_20221007_153843
Mask lot	220930-S-L4-2-M2bsw-A-IN_
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.09 l/min	26.58 Pa	70.00 Pa	✔ pass
Inhalation 2	94.87 l/min	94.38 Pa	240.00 Pa	✔ pass
Exhalation	160.04 l/min	167.07 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	07.10.2022	15:42:40	1.11.1.0

### Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.96 l/min
Generator air	2.59 l/min

Test conditions	
Temperature	24.96 °C
rel. humidity	2.82 %
Mass concentration	18.09 mg/m <sup>3</sup>

### Mask information

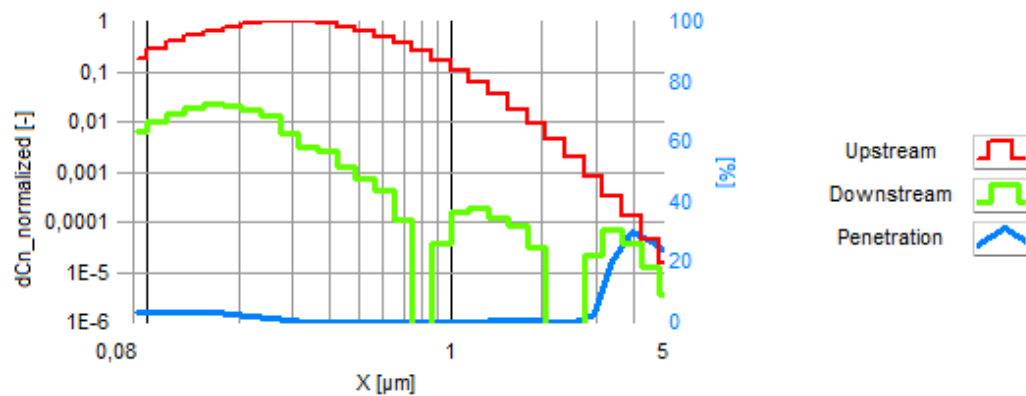
Mask ID	13868_20221007_154240
Mask lot	220930-S-L4-2-M2bsw-A-IN_
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	3.55 %	20.00 %	✔ pass
P_m	0.73 %		
P_Ph_45°	0.35 %	6.00 %	✔ pass

### Distributions



Calibration expired since 03.09.2022