

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

Operator	Date	Time	Vesion
Carsten	27.09.2022	11:59:21	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.81 °C
Aerosol	Pressurized air	rel. humidity	2.56 %

### Mask information

Mask ID	13868_20220927_115921
Mask lot	220927-S-L4-1-M2a-A-IN_
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.14 l/min	24.41 Pa	70.00 Pa	✔ pass
Inhalation 2	94.77 l/min	87.98 Pa	240.00 Pa	✔ pass
Exhalation	160.02 l/min	152.58 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	27.09.2022	12:03:04	1.11.1.0

### Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.90 l/min
Generator air	2.68 l/min

Test conditions	
Temperature	22.87 °C
rel. humidity	3.13 %
Mass concentration	20.50 mg/m <sup>3</sup>

### Mask information

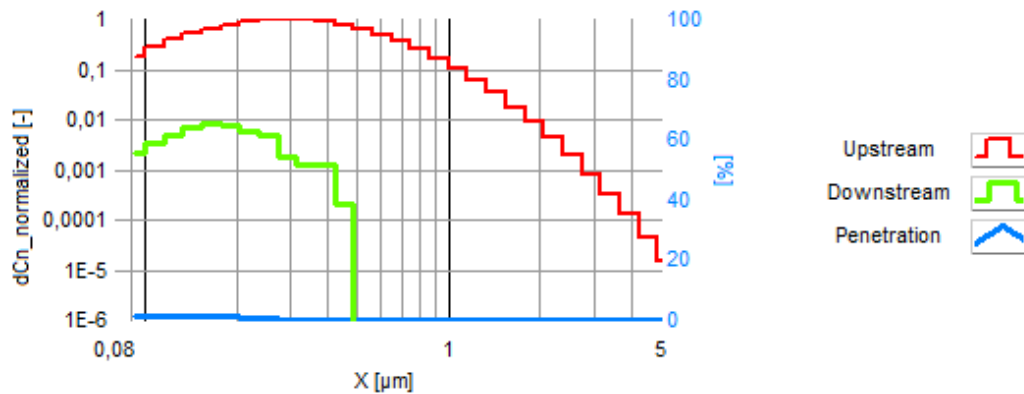
Mask ID	13868_20220927_120304
Mask lot	220927-S-L4-1-M2a-A-IN_
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	1.28 %	20.00 %	✓ pass
P_m	0.03 %		
P_Ph_45°	0.09 %	6.00 %	✓ pass

### Distributions



Calibration expired since 03.09.2022