

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

Operator	Date	Time	Vesion
Carsten	18.07.2022	13:11:16	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	26.21 °C
Aerosol	Pressurized air	rel. humidity	2.79 %

### Mask information

Mask ID	13868_20220718_131116
Mask lot	220718-F-L5-1-LKbl-A-IN_D
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.03 l/min	41.80 Pa	70.00 Pa	✔ pass
Inhalation 2	94.78 l/min	155.06 Pa	240.00 Pa	✔ pass
Exhalation	159.95 l/min	287.57 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	18.07.2022	13:15:42	1.11.1.0

### Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.84 l/min
Generator air	2.49 l/min

Test conditions	
Temperature	26.32 °C
rel. humidity	3.22 %
Mass concentration	21.42 mg/m <sup>3</sup>

### Mask information

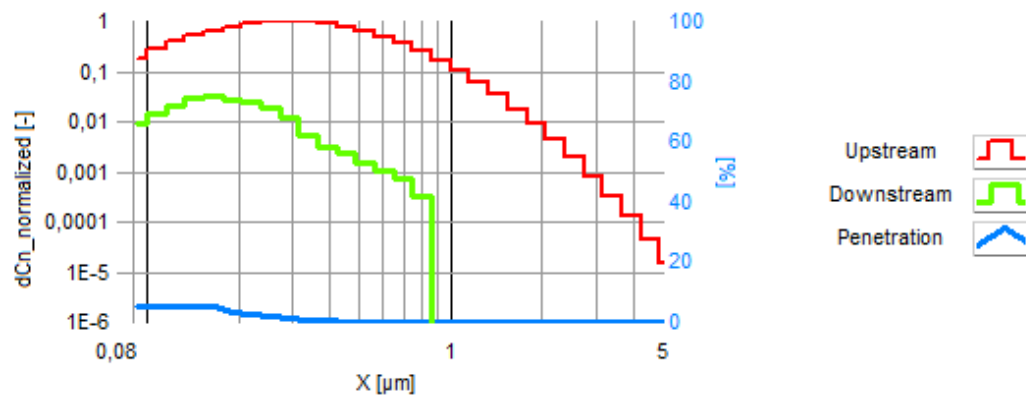
Mask ID	13868_20220718_131542
Mask lot	220718-F-L5-1-LKbl-A-IN_D
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	5.31 %	20.00 %	✔ pass
P_m	0.20 %		
P_Ph_45°	0.44 %	6.00 %	✔ pass

### Distributions



Calibration valid until 03.09.2022