

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

Operator	Date	Time	Vesion
Svenja Wilk	16.12.2021	15:01:03	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.81 °C
Aerosol	Pressurized air	rel. humidity	3.78 %

### Mask information

Mask ID	13868_20211216_150103
Mask lot	20211216-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.00 l/min	32.86 Pa	70.00 Pa	✔ pass
Inhalation 2	94.75 l/min	100.41 Pa	240.00 Pa	✔ pass
Exhalation	159.91 l/min	173.53 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Svenja Wilk	16.12.2021	15:06:01	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Effizienz Test (Öl)	Temperature	22.91 °C
Aerosol	Oil	rel. humidity	3.03 %
Main air	94.97 l/min	Mass concentration	19.51 mg/m <sup>3</sup>
Generator air	2.63 l/min		

### Mask information

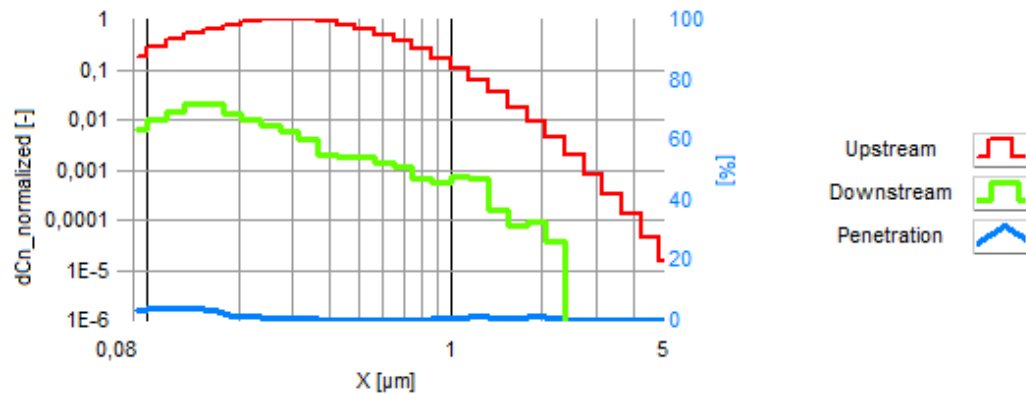
Mask ID	13868_20211216_150601
Mask lot	20211216-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	3.63 %	6.00 %	✔ pass
P_m	0.48 %		
P_Ph_45°	0.41 %	6.00 %	✔ pass

### Distributions



Calibration valid until 03.09.2022