

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

Operator	Date	Time	Vesion
Svenja Wilk	14.09.2021	14:01:40	1.11.1.0

**Basic information**

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	24.96 °C
Aerosol	Pressurized air	rel. humidity	3.71 %

**Mask information**

Mask ID	13868_20210914_140140
Mask lot	210830-F-L2-002-A-IN
Mask type	DMASKE / Chargentest / FFP 2

**Result**

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.07 l/min	35.98 Pa	70.00 Pa	✔ pass
Inhalation 2	94.89 l/min	118.54 Pa	240.00 Pa	✔ pass
Exhalation	159.96 l/min	209.76 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Svenja Wilk	14.09.2021	14:08:28	1.11.1.0

### Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.89 l/min
Generator air	2.53 l/min

Test conditions	
Temperature	24.87 °C
rel. humidity	2.92 %
Mass concentration	21.88 mg/m <sup>3</sup>

### Mask information

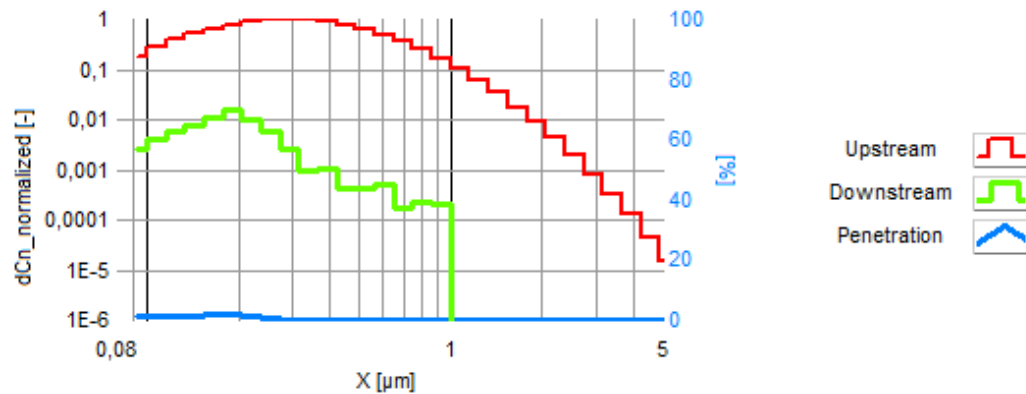
Mask ID	13868_20210914_140828
Mask lot	210830-F-L2-002-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	1.54 %	30.00 %	✓ pass
P_m	0.08 %		
P_Ph_45°	0.14 %	6.00 %	✓ pass

### Distributions



Calibration valid until 03.09.2022