

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

Operator	Date	Time	Vesion
Svenja Wilk	20.10.2021	16:32:29	1.11.1.0

**Basic information**

Operation parameter	
Script	Atemwiderstand
Aerosol	Pressurized air

Test conditions	
Temperature	24.35 °C
rel. humidity	3.77 %

**Mask information**

Mask ID	13868_20211020_163229
Mask lot	211020-S-L1-002-A-IN
Mask type	DMASKE / Chargentest / FFP 2

**Result**

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.13 l/min	39.42 Pa	70.00 Pa	✔ pass
Inhalation 2	94.82 l/min	125.35 Pa	240.00 Pa	✔ pass
Exhalation	160.02 l/min	219.15 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Svenja Wilk	20.10.2021	16:37:27	1.11.1.0

## Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.97 l/min
Generator air	2.59 l/min

Test conditions	
Temperature	24.19 °C
rel. humidity	3.03 %
Mass concentration	21.03 mg/m³

## Mask information

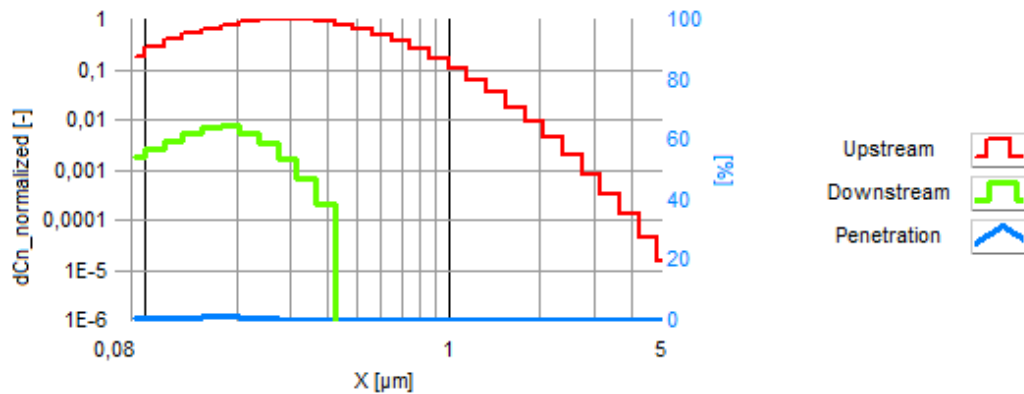
Mask ID	13868_20211020_163727
Mask lot	211020-S-L1-002-A-IN
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	0.99 %	30.00 %	✓ pass
P_m	0.02 %		
P_Ph_45°	0.05 %	6.00 %	✓ pass

## Distributions



Calibration valid until 03.09.2022