

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

Operator	Date	Time	Vesion
Christopher Reinhold	15.10.2021	09:14:04	1.11.1.0

**Basic information**

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.32 °C
Aerosol	Pressurized air	rel. humidity	3.81 %

**Mask information**

Mask ID	13868_20211015_091404
Mask lot	211007-F-01-2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

**Result**

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.04 l/min	39.38 Pa	70.00 Pa	✔ pass
Inhalation 2	94.77 l/min	116.30 Pa	240.00 Pa	✔ pass
Exhalation	159.96 l/min	193.00 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Christopher Reinhold	15.10.2021	09:18:30	1.11.1.0

## Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.96 l/min
Generator air	2.63 l/min

Test conditions	
Temperature	22.27 °C
rel. humidity	3.10 %
Mass concentration	20.12 mg/m³

## Mask information

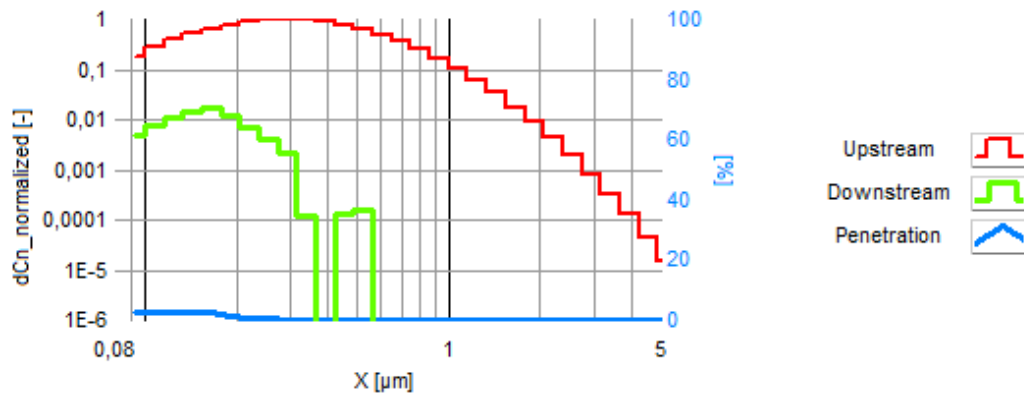
Mask ID	13868_20211015_091830
Mask lot	211007-F-01-2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	2.70 %	30.00 %	✓ pass
P_m	0.03 %		
P_Ph_45°	0.07 %	6.00 %	✓ pass

## Distributions



Calibration valid until 03.09.2022