

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

Operator	Date	Time	Vesion
Saad	19.05.2022	08:48:07	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	26.25 °C
Aerosol	Pressurized air	rel. humidity	3.79 %

### Mask information

Mask ID	13868_20220519_084807
Mask lot	220517-F-L1-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	29.99 l/min	35.28 Pa	70.00 Pa	✔ pass
Inhalation 2	94.87 l/min	102.81 Pa	240.00 Pa	✔ pass
Exhalation	159.94 l/min	173.19 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad	19.05.2022	08:52:48	1.11.1.0

## Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	95.03 l/min
Generator air	3.08 l/min

Test conditions	
Temperature	26.24 °C
rel. humidity	2.93 %
Mass concentration	57.48 mg/m³

## Mask information

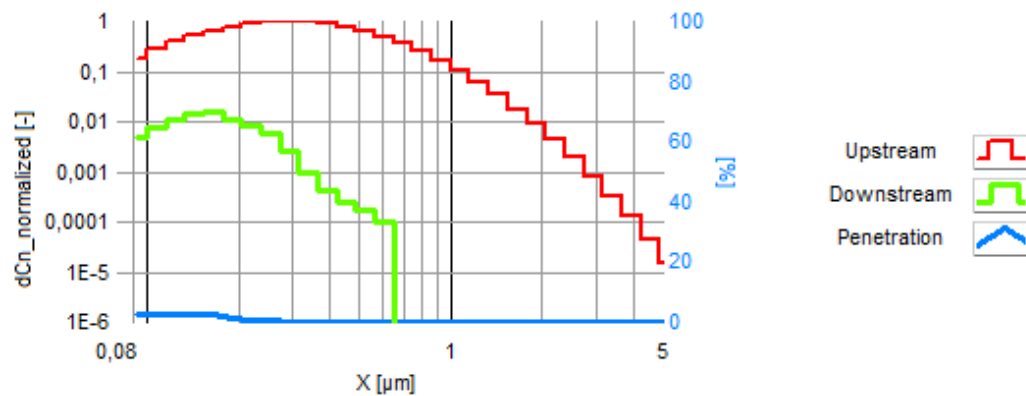
Mask ID	13868_20220519_085248
Mask lot	220517-F-L1-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	2.70 %	20.00 %	✔ pass
P_m	0.04 %		
P_Ph_45°	0.10 %	6.00 %	✔ pass

## Distributions



Calibration valid until 03.09.2022