

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

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	09.02.2022	13:06:52	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	23.49 °C
Aerosol	Pressurized air	rel. humidity	2.97 %

### Mask information

Mask ID	13868_20220209_130652
Mask lot	220209-F-L1-2-M2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.13 l/min	34.29 Pa	70.00 Pa	✔ pass
Inhalation 2	94.73 l/min	101.63 Pa	240.00 Pa	✔ pass
Exhalation	159.90 l/min	173.57 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	09.02.2022	13:12:02	1.11.1.0

## Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.94 l/min
Generator air	2.59 l/min

Test conditions	
Temperature	23.58 °C
rel. humidity	2.64 %
Mass concentration	17.53 mg/m³

## Mask information

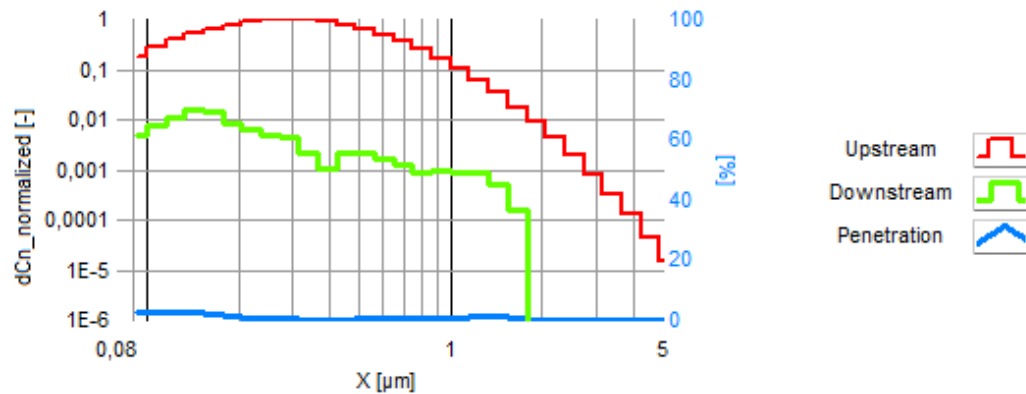
Mask ID	13868_20220209_131202
Mask lot	220209-F-L1-2-M2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

## 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	0.57 %		
P_Ph_45°	0.41 %	6.00 %	✓ pass

## Distributions



Calibration valid until 03.09.2022