

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	24.10.2022	11:27:16	1.11.1.0

## Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.98 l/min
Generator air	2.59 l/min

Test conditions	
Temperature	23.98 °C
rel. humidity	3.61 %
Mass concentration	22.29 mg/m³

## Mask information

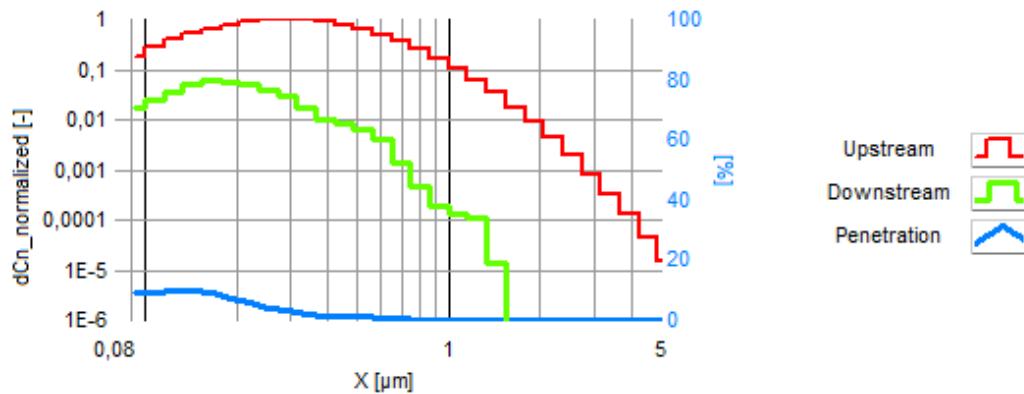
Mask ID	13868_20221024_112716
Mask lot	221018-F-L2-2-MK6-A-IN_D_
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	9.32 %	20.00 %	✓ pass
P_m	0.56 %		
P_Ph_45°	1.20 %	6.00 %	✓ pass

## Distributions



Calibration expired since 03.09.2022

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

Operator	Date	Time	Vesion
Dustin	24.10.2022	11:22:55	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	23.96 °C
Aerosol	Pressurized air	rel. humidity	3.17 %

### Mask information

Mask ID	13868_20221024_112255
Mask lot	221018-F-L2-2-MK6-A-IN_D_
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.07 l/min	26.52 Pa	70.00 Pa	✔ pass
Inhalation 2	94.83 l/min	94.70 Pa	240.00 Pa	✔ pass
Exhalation	159.98 l/min	166.72 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022