

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	18.11.2022	09:58:38	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	21.25 °C
rel. humidity	7.73 %
Mass concentration	17.35 mg/m³

## Mask information

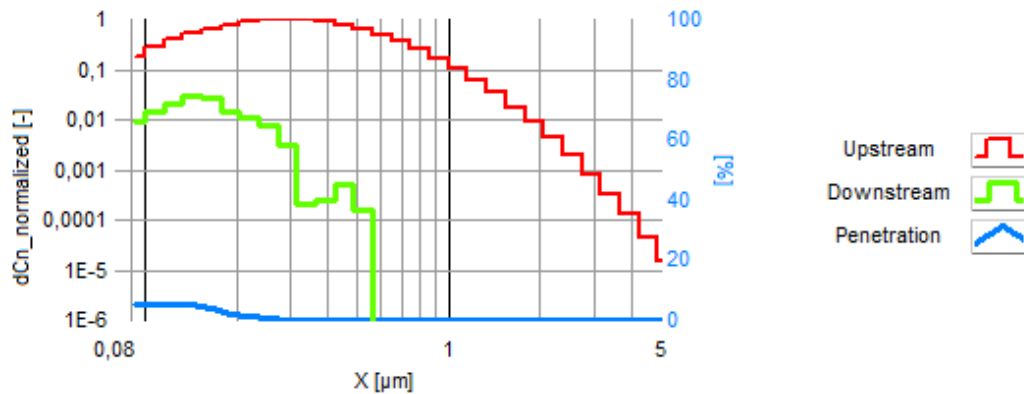
Mask ID	13868_20221118_095838
Mask lot	221118-S-L3-M2A-2-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	5.17 %	20.00 %	✔ pass
P_m	0.06 %		
P_Ph_45°	0.11 %	6.00 %	✔ pass

## Distributions



Calibration expired since 03.09.2022

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

Operator	Date	Time	Vesion
Dustin	18.11.2022	08:24:50	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	20.17 °C
Aerosol	Pressurized air	rel. humidity	4.00 %

### Mask information

Mask ID	13868_20221118_082450
Mask lot	221118-S-L3-M2A-2-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.00 l/min	38.14 Pa	70.00 Pa	✔ pass
Inhalation 2	94.70 l/min	106.33 Pa	240.00 Pa	✔ pass
Exhalation	160.00 l/min	176.22 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022