

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	31.10.2022	09:08:59	1.11.1.0

## Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.83 l/min
Generator air	2.68 l/min

Test conditions	
Temperature	23.13 °C
rel. humidity	3.22 %
Mass concentration	18.82 mg/m³

## Mask information

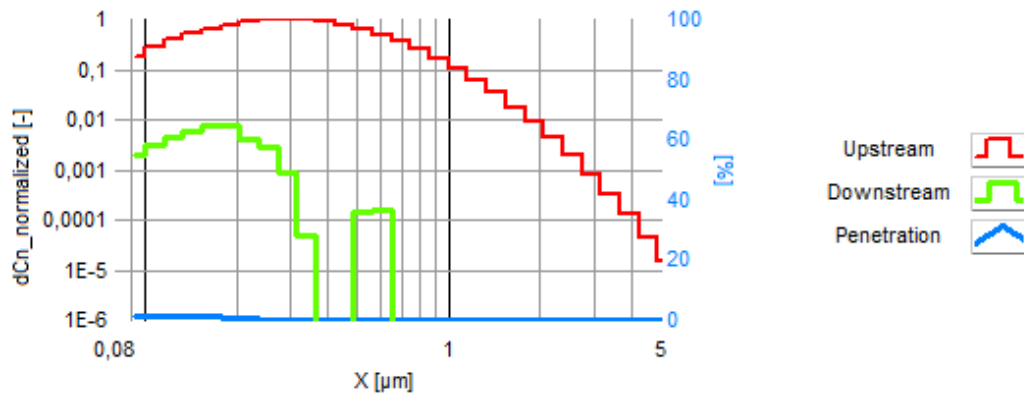
Mask ID	13868_20221031_090859
Mask lot	221025-S-L4-2-M2a-A-IN_D_
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	1.16 %	20.00 %	✓ pass
P_m	0.02 %		
P_Ph_45°	0.04 %	6.00 %	✓ pass

## Distributions



Calibration expired since 03.09.2022

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

Operator	Date	Time	Vesion
Dustin	31.10.2022	09:05:17	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	23.20 °C
Aerosol	Pressurized air	rel. humidity	3.63 %

### Mask information

Mask ID	13868_20221031_090517
Mask lot	221025-S-L4-2-M2a-A-IN_D_
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.16 l/min	41.81 Pa	70.00 Pa	✔ pass
Inhalation 2	94.79 l/min	113.56 Pa	240.00 Pa	✔ pass
Exhalation	159.98 l/min	191.65 Pa	300.00 Pa	✔ pass



Calibration expired since 03.09.2022