

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Dustin	15.08.2022	15:56:13	1.11.1.0

### Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.86 l/min
Generator air	2.49 l/min

Test conditions	
Temperature	25.93 °C
rel. humidity	3.32 %
Mass concentration	20.30 mg/m <sup>3</sup>

### Mask information

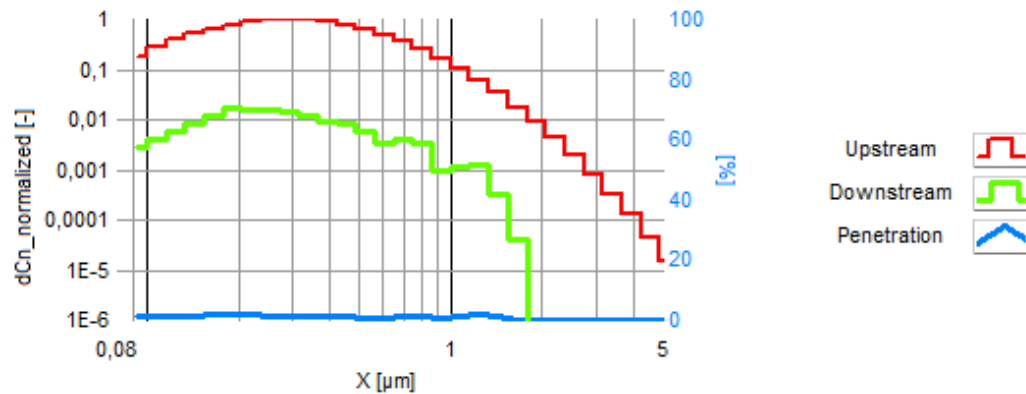
Mask ID	13868_20220815_155613
Mask lot	220812-F-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	1.63 %	20.00 %	✓ pass
P_m	0.94 %		
P_Ph_45°	1.09 %	6.00 %	✓ pass

### Distributions



Calibration valid until 03.09.2022

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

Operator	Date	Time	Vesion
Dustin	15.08.2022	15:50:11	1.11.1.0

### Basic information

Operation parameter	
Script	Atemwiderstand
Aerosol	Pressurized air

Test conditions	
Temperature	25.93 °C
rel. humidity	2.59 %

### Mask information

Mask ID	13868_20220815_155011
Mask lot	220812-F-L4-2-M2a-A-IN_DM
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.22 l/min	24.08 Pa	70.00 Pa	✔ pass
Inhalation 2	94.76 l/min	91.35 Pa	240.00 Pa	✔ pass
Exhalation	160.06 l/min	164.89 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022