

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

Operator	Date	Time	Vesion
Saad Benchakroun	04.04.2022	09:23:36	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	16.27 °C
Aerosol	Pressurized air	rel. humidity	4.55 %

### Mask information

Mask ID	13868_20220404_092336
Mask lot	220331-F-L5-2-MLK-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.02 l/min	34.97 Pa	70.00 Pa	✔ pass
Inhalation 2	94.61 l/min	98.29 Pa	240.00 Pa	✔ pass
Exhalation	159.94 l/min	166.19 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

# Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	04.04.2022	09:27:39	1.11.1.0

## Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	95.00 l/min
Generator air	2.89 l/min

Test conditions	
Temperature	16.36 °C
rel. humidity	4.03 %
Mass concentration	18.32 mg/m³

## Mask information

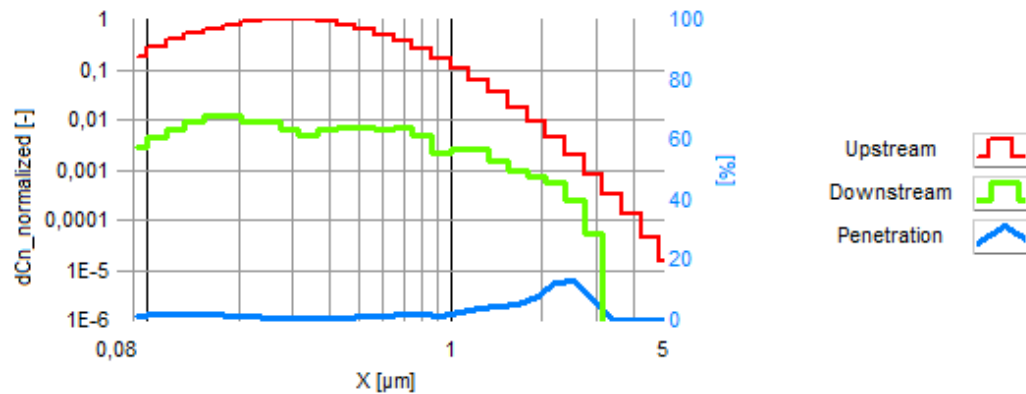
Mask ID	13868_20220404_092739
Mask lot	220331-F-L5-2-MLK-A-IN
Mask type	DMASKE / Chargentest / FFP 2

## 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 $\mu\text{m}$ )	1.71 %	20.00 %	✔ pass
P_m	3.10 %		
P_Ph_45°	1.60 %	6.00 %	✔ pass

## Distributions



Calibration valid until 03.09.2022