

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

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	11.01.2022	14:03:02	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	21.68 °C
Aerosol	Pressurized air	rel. humidity	3.42 %

### Mask information

Mask ID	13868_20220111_140302
Mask lot	220111-F-L3-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.00 l/min	39.52 Pa	70.00 Pa	✔ pass
Inhalation 2	94.79 l/min	108.17 Pa	240.00 Pa	✔ pass
Exhalation	160.00 l/min	181.64 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	11.01.2022	14:10:35	1.11.1.0

### Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.77 l/min
Generator air	2.68 l/min

Test conditions	
Temperature	21.73 °C
rel. humidity	3.02 %
Mass concentration	19.50 mg/m <sup>3</sup>

### Mask information

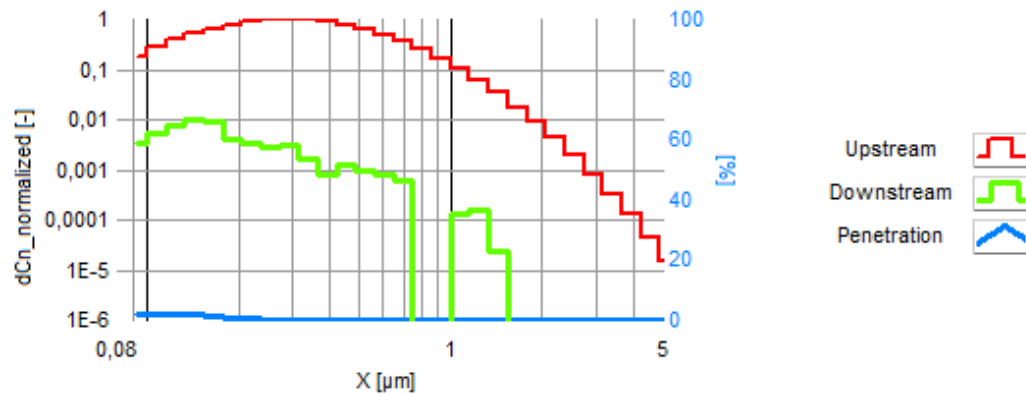
Mask ID	13868_20220111_141035
Mask lot	220111-F-L3-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	1.78 %	6.00 %	✔ pass
P_m	0.11 %		
P_Ph_45°	0.15 %	6.00 %	✔ pass

### Distributions



Calibration valid until 03.09.2022