

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

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	21.03.2022	13:09:47	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.12 °C
Aerosol	Pressurized air	rel. humidity	2.64 %

### Mask information

Mask ID	13868_20220321_130947
Mask lot	220321-F-L5-2-LK-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	29.97 l/min	32.74 Pa	70.00 Pa	✔ pass
Inhalation 2	94.81 l/min	99.46 Pa	240.00 Pa	✔ pass
Exhalation	159.97 l/min	161.19 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	21.03.2022	13:14:12	1.11.1.0

### Basic information

Operation parameter		Test conditions	
Script	Effizienz Test (Öl)	Temperature	22.31 °C
Aerosol	Oil	rel. humidity	2.47 %
Main air	94.98 l/min	Mass concentration	19.48 mg/m <sup>3</sup>
Generator air	2.63 l/min		

### Mask information

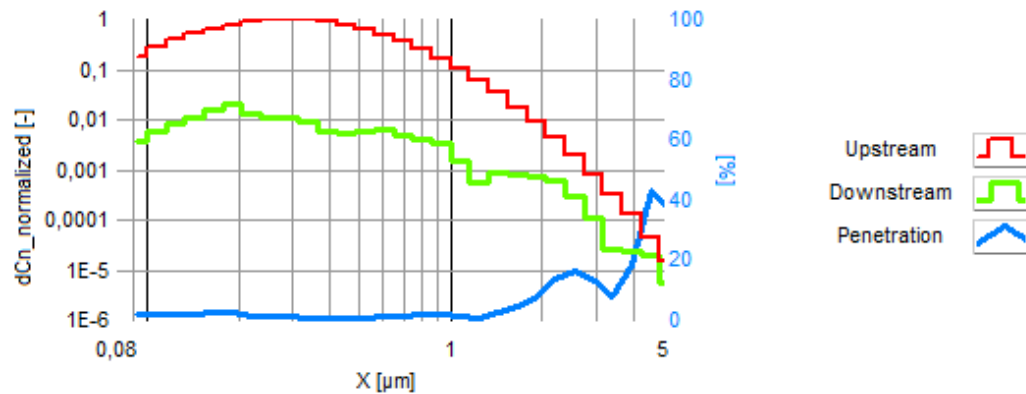
Mask ID	13868_20220321_131412
Mask lot	220321-F-L5-2-LK-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	2.20 %	20.00 %	✓ pass
P_m	3.15 %		
P_Ph_45°	1.51 %	6.00 %	✓ pass

### Distributions



Calibration valid until 03.09.2022