

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

Operator	Date	Time	Vesion
Saad Benchakroun	07.02.2022	11:48:47	1.11.1.0

**Basic information**

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	21.53 °C
Aerosol	Pressurized air	rel. humidity	3.03 %

**Mask information**

Mask ID	13868_20220207_114847
Mask lot	220207-F-L1-2-M2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

**Result**

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	29.94 l/min	32.21 Pa	70.00 Pa	✔ pass
Inhalation 2	94.69 l/min	95.10 Pa	240.00 Pa	✔ pass
Exhalation	159.91 l/min	161.27 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	07.02.2022	11:52:37	1.11.1.0

### Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.98 l/min
Generator air	2.63 l/min

Test conditions	
Temperature	21.54 °C
rel. humidity	2.65 %
Mass concentration	19.81 mg/m <sup>3</sup>

### Mask information

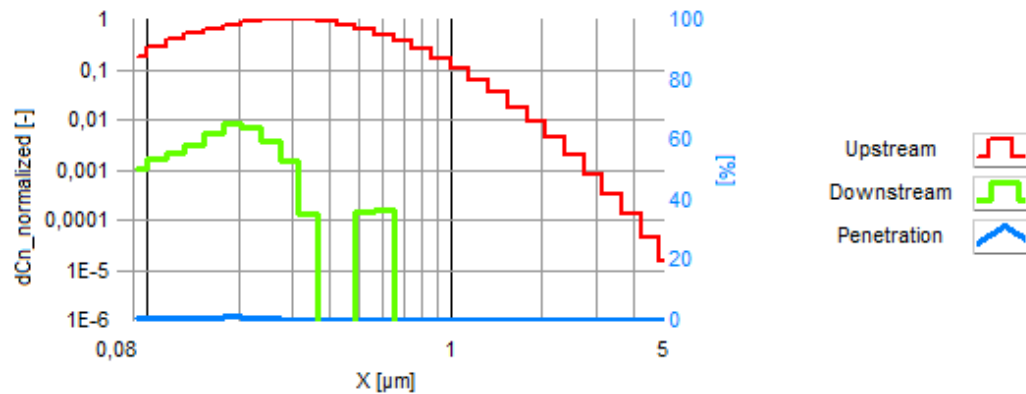
Mask ID	13868_20220207_115237
Mask lot	220207-F-L1-2-M2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	0.63 %	20.00 %	✓ pass
P_m	0.02 %		
P_Ph_45°	0.05 %	6.00 %	✓ pass

### Distributions



Calibration valid until 03.09.2022