

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

Operator	Date	Time	Vesion
Asijat Gotschiyaeva	14.06.2022	12:41:20	1.11.1.0

### Basic information

Operation parameter	
Script	Atemwiderstand
Aerosol	Pressurized air

Test conditions	
Temperature	22.61 °C
rel. humidity	10.06 %

### Mask information

Mask ID	13868_20220614_124120
Mask lot	220610-F-L3-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.17 l/min	26.25 Pa	70.00 Pa	✓ pass
Inhalation 2	94.70 l/min	90.29 Pa	240.00 Pa	✓ pass
Exhalation	159.97 l/min	171.76 Pa	300.00 Pa	✓ pass



Calibration valid until 03.09.2022

## Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Asijat Gotschiyaeva	14.06.2022	12:47:42	1.11.1.0

### Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.89 l/min
Generator air	2.53 l/min

Test conditions	
Temperature	22.71 °C
rel. humidity	9.44 %
Mass concentration	18.62 mg/m <sup>3</sup>

### Mask information

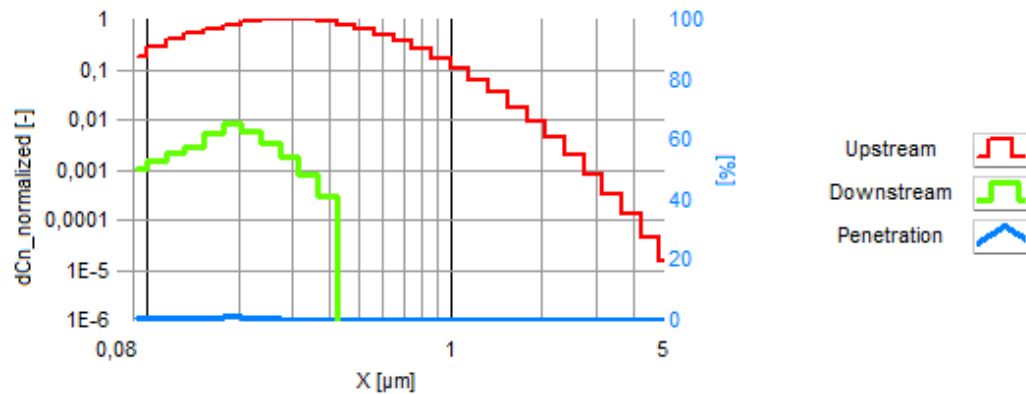
Mask ID	13868_20220614_124742
Mask lot	220610-F-L3-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

### 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 $\mu\text{m}$ )	0.60 %	20.00 %	✔ pass
P_m	0.02 %		
P_Ph_45°	0.06 %	6.00 %	✔ pass

### Distributions



Calibration valid until 03.09.2022