

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	18.02.2022	11:41:10	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.81 °C
Aerosol	Pressurized air	rel. humidity	2.64 %

Mask information

Mask ID	13868_20220218_114110
Mask lot	220218-F-L2-1-XSLght-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.16 l/min	24.92 Pa	70.00 Pa	✔ pass
Inhalation 2	94.80 l/min	72.68 Pa	240.00 Pa	✔ pass
Exhalation	160.03 l/min	140.19 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	18.02.2022	11:45:05	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.92 l/min
Generator air	2.68 l/min

Test conditions	
Temperature	22.81 °C
rel. humidity	2.44 %
Mass concentration	17.50 mg/m ³

Mask information

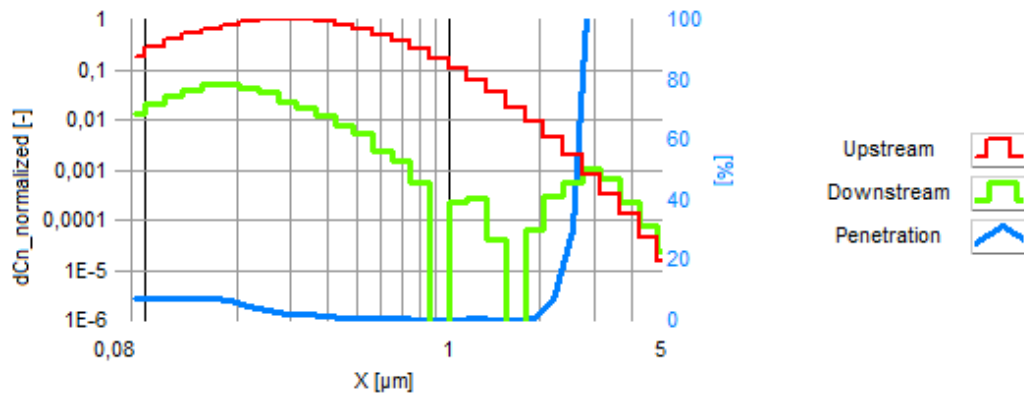
Mask ID	13868_20220218_114505
Mask lot	220218-F-L2-1-XSLght-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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 μm)	7.45 %	20.00 %	✔ pass
P_m	7.09 %		
P_Ph_45°	1.95 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022