

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	11.02.2022	11:33:38	1.11.1.0




Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.02 °C
Aerosol	Pressurized air	rel. humidity	2.64 %

Mask information

Mask ID	13868_20220211_113338
Mask lot	220211-F-L1-2-M2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.03 l/min	35.83 Pa	70.00 Pa	 pass
Inhalation 2	94.79 l/min	106.12 Pa	240.00 Pa	 pass
Exhalation	159.93 l/min	177.20 Pa	300.00 Pa	 pass

Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	11.02.2022	11:38:59	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.95 l/min
Generator air	2.75 l/min

Test conditions	
Temperature	22.05 °C
rel. humidity	2.44 %
Mass concentration	22.85 mg/m ³

Mask information

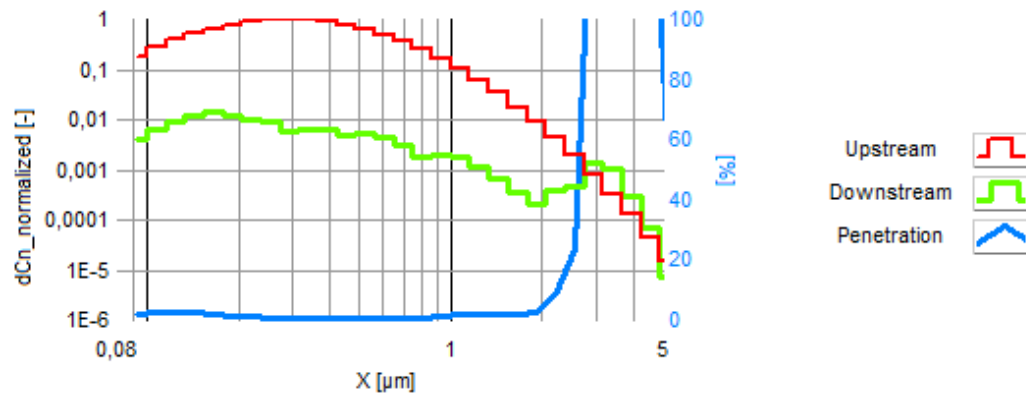
Mask ID	13868_20220211_113859
Mask lot	220211-F-L1-2-M2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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 μm)	2.34 %	20.00 %	✓ pass
P_m	9.19 %		
P_Ph_45°	1.98 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022