

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	04.02.2022	10:48:06	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.52 °C
Aerosol	Pressurized air	rel. humidity	3.46 %

Mask information

Mask ID	13868_20220204_104806
Mask lot	220204-F-L2-1-XS-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.05 l/min	27.33 Pa	70.00 Pa	✔ pass
Inhalation 2	94.74 l/min	75.11 Pa	240.00 Pa	✔ pass
Exhalation	159.93 l/min	137.63 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	04.02.2022	11:06:37	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.88 l/min
Generator air	2.53 l/min

Test conditions	
Temperature	22.61 °C
rel. humidity	2.72 %
Mass concentration	16.70 mg/m ³

Mask information

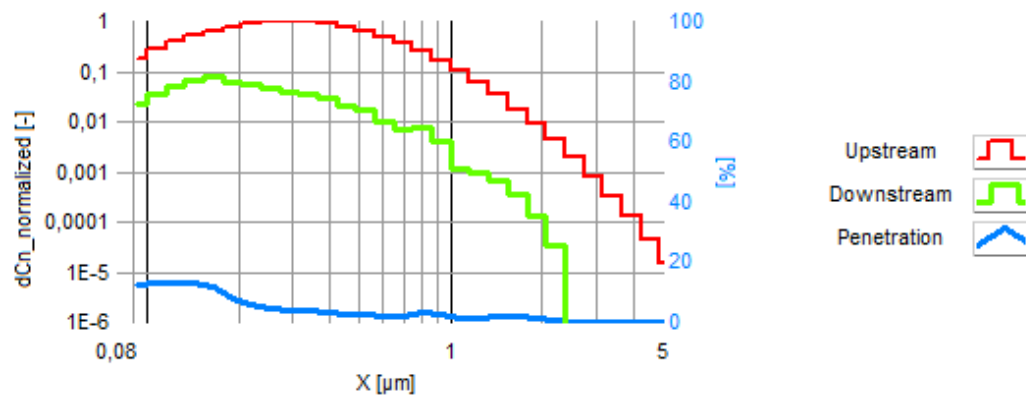
Mask ID	13868_20220204_110637
Mask lot	220204-F-L2-1-XS-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	12.79 %	20.00 %	✓ pass
P_m	2.18 %		
P_Ph_45°	2.90 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022