

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	28.03.2022	09:43:23	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	18.36 °C
Aerosol	Pressurized air	rel. humidity	3.96 %

Mask information

Mask ID	13868_20220328_094323
Mask lot	220328-F-L5-2-MLK-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	29.93 l/min	40.43 Pa	70.00 Pa	✔ pass
Inhalation 2	94.66 l/min	103.58 Pa	240.00 Pa	✔ pass
Exhalation	159.86 l/min	151.66 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	28.03.2022	10:31:54	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.93 l/min
Generator air	2.63 l/min

Test conditions	
Temperature	19.19 °C
rel. humidity	4.06 %
Mass concentration	16.08 mg/m ³

Mask information

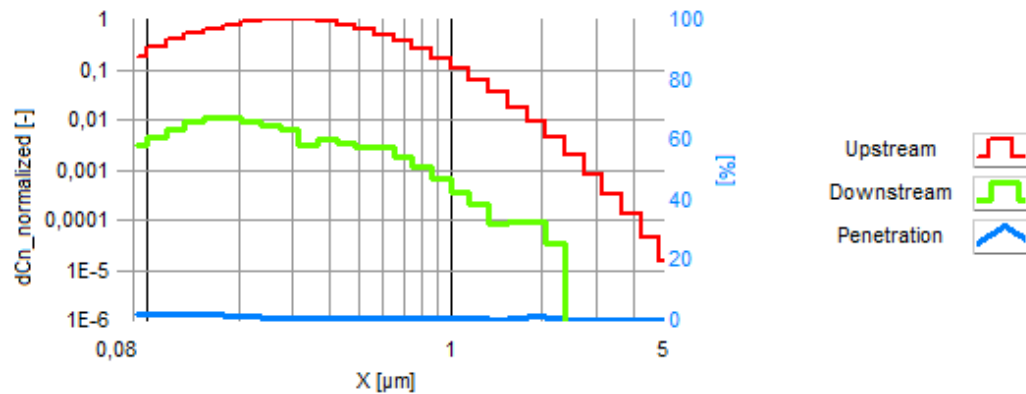
Mask ID	13868_20220328_103154
Mask lot	220328-F-L5-2-MLK-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	1.69 %	20.00 %	✓ pass
P_m	0.46 %		
P_Ph_45°	0.49 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022