

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad	09.05.2022	09:28:16	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	20.57 °C
Aerosol	Pressurized air	rel. humidity	4.79 %

Mask information

Mask ID	13868_20220509_092816
Mask lot	220505-F-L5-2-MLK-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.07 l/min	38.70 Pa	70.00 Pa	✔ pass
Inhalation 2	94.83 l/min	111.95 Pa	240.00 Pa	✔ pass
Exhalation	159.96 l/min	188.25 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad	09.05.2022	09:32:14	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.84 l/min
Generator air	2.75 l/min

Test conditions	
Temperature	20.66 °C
rel. humidity	4.90 %
Mass concentration	18.95 mg/m ³

Mask information

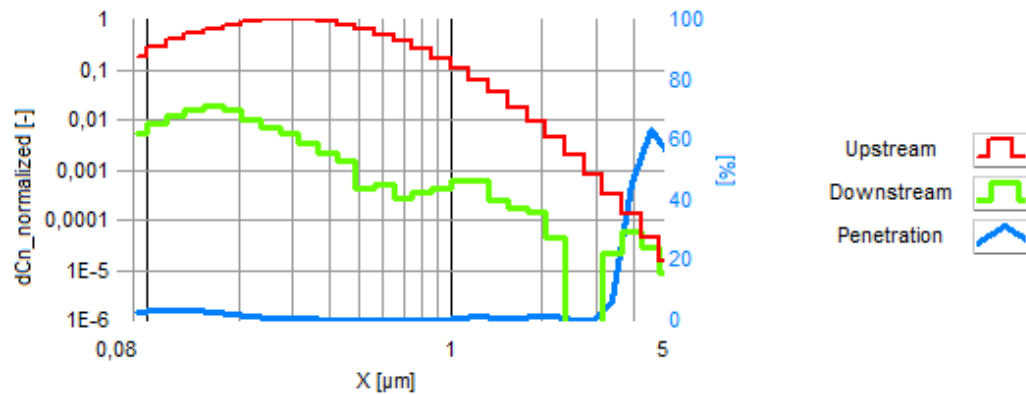
Mask ID	13868_20220509_093214
Mask lot	220505-F-L5-2-MLK-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	3.05 %	20.00 %	✔ pass
P_m	1.10 %		
P_Ph_45°	0.40 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022