

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Demet	24.03.2022	13:59:16	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.48 °C
Aerosol	Pressurized air	rel. humidity	2.54 %

Mask information

Mask ID	13868_20220324_135916
Mask lot	220324-F-L5-2-MLK-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	29.99 l/min	18.09 Pa	70.00 Pa	✔ pass
Inhalation 2	94.91 l/min	72.03 Pa	240.00 Pa	✔ pass
Exhalation	160.03 l/min	133.29 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Demet	24.03.2022	14:20:35	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.98 l/min
Generator air	2.63 l/min

Test conditions	
Temperature	22.82 °C
rel. humidity	2.32 %
Mass concentration	19.59 mg/m ³

Mask information

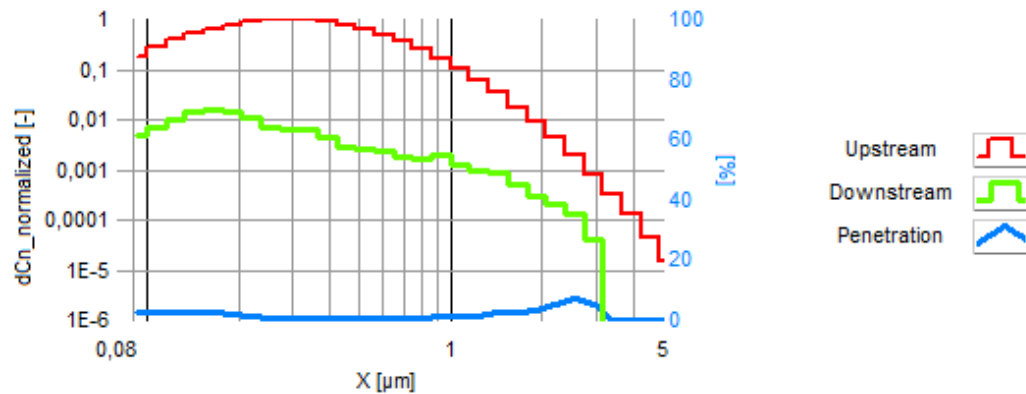
Mask ID	13868_20220324_142035
Mask lot	220324-F-L5-2-MLK-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	2.63 %	20.00 %	✓ pass
P_m	1.48 %		
P_Ph_45°	0.81 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022