

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Asijat Gotschiyaeva	11.07.2022	15:41:25	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	23.59 °C
Aerosol	Pressurized air	rel. humidity	3.64 %

Mask information

Mask ID	13868_20220711_154125
Mask lot	220711-F-L5-2-M7-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.21 l/min	23.71 Pa	70.00 Pa	✔ pass
Inhalation 2	94.70 l/min	89.50 Pa	240.00 Pa	✔ pass
Exhalation	160.04 l/min	175.54 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Asijat Gotschiyaeva	11.07.2022	15:45:22	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	23.69 °C
rel. humidity	3.22 %
Mass concentration	18.80 mg/m ³

Mask information

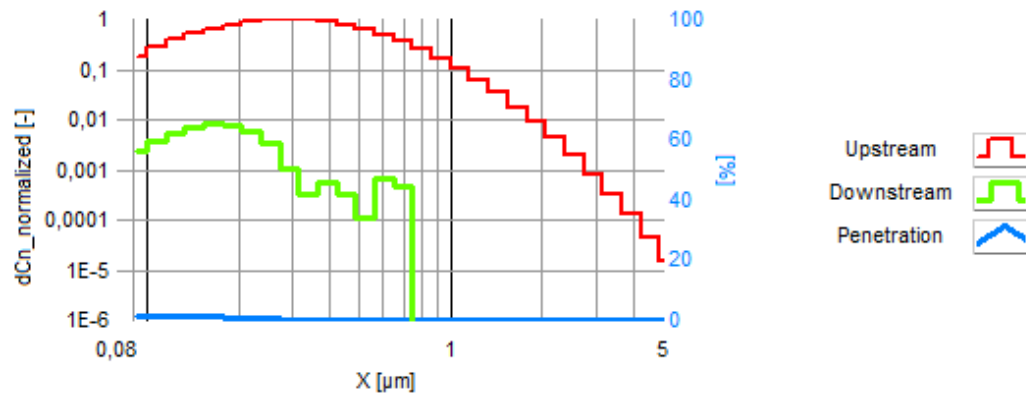
Mask ID	13868_20220711_154522
Mask lot	220711-F-L5-2-M7-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	1.36 %	20.00 %	✓ pass
P_m	0.05 %		
P_Ph_45°	0.08 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022