

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Asijat Gotschiyaeva	27.06.2022	13:34:45	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	23.37 °C
Aerosol	Pressurized air	rel. humidity	9.18 %

Mask information

Mask ID	13868_20220627_133445
Mask lot	220624-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.30 l/min	26.14 Pa	70.00 Pa	✔ pass
Inhalation 2	94.82 l/min	93.86 Pa	240.00 Pa	✔ pass
Exhalation	160.08 l/min	180.31 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Asijat Gotschiyaeva	27.06.2022	13:39:21	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.79 l/min
Generator air	2.43 l/min

Test conditions	
Temperature	23.39 °C
rel. humidity	8.40 %
Mass concentration	14.92 mg/m ³

Mask information

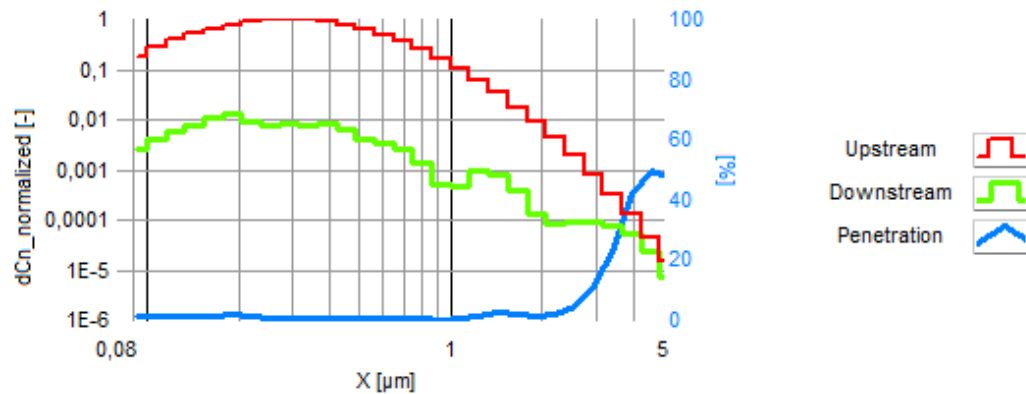
Mask ID	13868_20220627_133921
Mask lot	220624-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	1.53 %	20.00 %	✔ pass
P_m	1.93 %		
P_Ph_45°	0.95 %	6.00 %	✔ pass

Distributions



Calibration valid until 03.09.2022