

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Saad Benchakroun	13.12.2021	13:53:26	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.91 °C
Aerosol	Pressurized air	rel. humidity	2.93 %

Mask information

Mask ID	13868_20211213_135326
Mask lot	211213-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	29.96 l/min	33.44 Pa	70.00 Pa	✔ pass
Inhalation 2	94.78 l/min	100.96 Pa	240.00 Pa	✔ pass
Exhalation	160.05 l/min	173.03 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Saad Benchakroun	13.12.2021	13:57:25	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.93 l/min
Generator air	2.75 l/min

Test conditions	
Temperature	23.00 °C
rel. humidity	2.74 %
Mass concentration	25.32 mg/m³

Mask information

Mask ID	13868_20211213_135725
Mask lot	211213-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)	3.35 %	30.00 %	✔ pass
P_m	1.28 %		
P_Ph_45°	0.96 %	6.00 %	✔ pass

Distributions

