

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Christopher Reinhold	19.10.2021	09:46:47	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.12 °C
Aerosol	Pressurized air	rel. humidity	4.61 %

Mask information

Mask ID	13868_20211019_094647
Mask lot	211019-F-03-2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.03 l/min	38.83 Pa	70.00 Pa	✔ pass
Inhalation 2	94.74 l/min	122.39 Pa	240.00 Pa	✔ pass
Exhalation	160.09 l/min	208.99 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Christopher Reinhold	19.10.2021	09:50:52	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.94 l/min
Generator air	2.59 l/min

Test conditions	
Temperature	22.05 °C
rel. humidity	3.90 %
Mass concentration	20.71 mg/m³

Mask information

Mask ID	13868_20211019_095052
Mask lot	211019-F-03-2-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)	1.94 %	30.00 %	✓ pass
P_m	0.72 %		
P_Ph_45°	0.84 %	6.00 %	✓ pass

Distributions

