

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Svenja Wilk	08.10.2021	16:39:13	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	25.45 °C
Aerosol	Pressurized air	rel. humidity	2.25 %

Mask information

Mask ID	13868_20211008_163913
Mask lot	211008-S-L3-002-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.14 l/min	39.11 Pa	70.00 Pa	✔ pass
Inhalation 2	94.90 l/min	121.47 Pa	240.00 Pa	✔ pass
Exhalation	160.02 l/min	208.92 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Svenja Wilk	08.10.2021	16:43:17	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	95.04 l/min
Generator air	2.78 l/min

Test conditions	
Temperature	25.54 °C
rel. humidity	2.15 %
Mass concentration	20.76 mg/m³

Mask information

Mask ID	13868_20211008_164317
Mask lot	211008-S-L3-002-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)	2.07 %	30.00 %	✓ pass
P_m	0.13 %		
P_Ph_45°	0.19 %	6.00 %	✓ pass

Distributions

