

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Svenja Wilk	23.09.2021	14:59:12	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	24.76 °C
Aerosol	Pressurized air	rel. humidity	3.13 %

Mask information

Mask ID	13868_20210923_145912
Mask lot	210920-S-L1-002-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.03 l/min	35.69 Pa	70.00 Pa	✔ pass
Inhalation 2	94.87 l/min	116.36 Pa	240.00 Pa	✔ pass
Exhalation	159.97 l/min	197.19 Pa	300.00 Pa	✔ pass

Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Svenja Wilk	23.09.2021	15:05:10	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.95 l/min
Generator air	2.59 l/min

Test conditions	
Temperature	24.62 °C
rel. humidity	2.65 %
Mass concentration	18.78 mg/m ³

Mask information

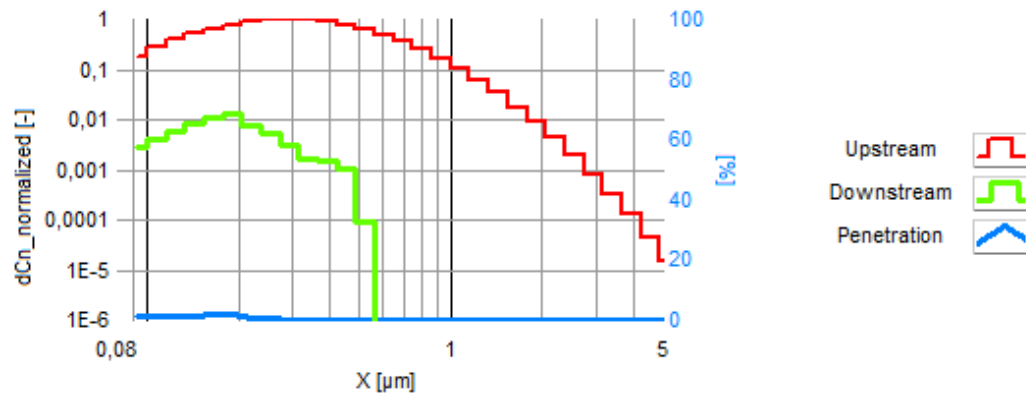
Mask ID	13868_20210923_150510
Mask lot	210920-S-L1-002-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	1.58 %	30.00 %	✓ pass
P_m	0.05 %		
P_Ph_45°	0.13 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022