

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Carsten	27.05.2022	09:51:19	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	22.17 °C
Aerosol	Pressurized air	rel. humidity	3.62 %

Mask information

Mask ID	13868_20220527_095119
Mask lot	220520-Berry-A-IN_D
Mask type	TEST 4 / Berry / BP2 R20

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	30.08 l/min	39.62 Pa	53.00 Pa	✔ pass
Inhalation 2	94.75 l/min	127.89 Pa		
Exhalation	159.97 l/min	209.93 Pa		



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Carsten	27.05.2022	09:55:31	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Effizienz Test (Öl)	Temperature	22.22 °C
Aerosol	Oil	rel. humidity	3.03 %
Main air	94.85 l/min	Mass concentration	20.61 mg/m³
Generator air	2.69 l/min		

Mask information

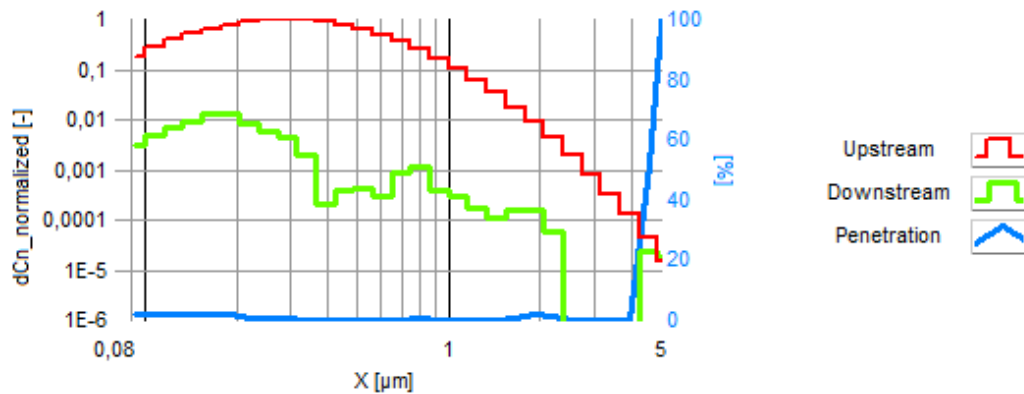
Mask ID	13868_20220527_095531
Mask lot	220520-Berry-A-IN_D
Mask type	TEST 4 / Berry / BP2 R20

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)	1.84 %		
P_m	0.83 %		
P_Ph_45°	0.30 %	0.50 %	✔ pass

Distributions



Calibration valid until 03.09.2022