

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	14.01.2022	13:37:25	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Atemwiderstand	Temperature	20.85 °C
Aerosol	Pressurized air	rel. humidity	3.47 %

Mask information

Mask ID	13868_20220114_133725
Mask lot	220114-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	29.98 l/min	31.09 Pa	70.00 Pa	✔ pass
Inhalation 2	94.69 l/min	92.46 Pa	240.00 Pa	✔ pass
Exhalation	160.01 l/min	157.40 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	14.01.2022	13:42:25	1.11.1.0

Basic information

Operation parameter		Test conditions	
Script	Effizienz Test (Öl)	Temperature	20.85 °C
Aerosol	Oil	rel. humidity	2.95 %
Main air	94.91 l/min	Mass concentration	20.61 mg/m ³
Generator air	2.75 l/min		

Mask information

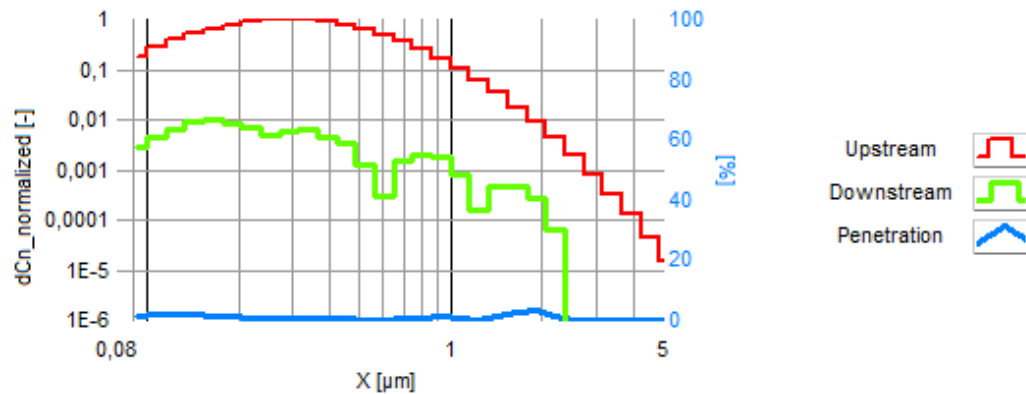
Mask ID	13868_20220114_134225
Mask lot	220114-F-L4-2-M2a-A-IN
Mask type	DMASKE / Chargentest / FFP 2

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)	1.65 %	6.00 %	✓ pass
P_m	0.84 %		
P_Ph_45°	0.60 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022