

Test report - PMFT 1000 - Breath resistance / Valve test

| | | | |
|----------------------|------------|----------|----------|
| Operator | Date | Time | Vesion |
| Christopher Reinhold | 09.12.2021 | 12:01:00 | 1.11.1.0 |

Basic information

| | | | |
|---------------------|-----------------|-----------------|----------|
| Operation parameter | | Test conditions | |
| Script | Atemwiderstand | Temperature | 23.10 °C |
| Aerosol | Pressurized air | rel. humidity | 2.41 % |

Mask information

| | |
|-----------|------------------------------|
| Mask ID | 13868_20211209_120100 |
| Mask lot | 211209-F-L2-1-XS-A-IN |
| Mask type | DMASKE / Chargentest / FFP 2 |

Result

| Description | Main air | Differential pressure | Upper limit | Result |
|--------------|--------------|-----------------------|-------------|--------|
| Inhalation 1 | 30.13 l/min | 30.31 Pa | 70.00 Pa | ✔ pass |
| Inhalation 2 | 94.85 l/min | 94.88 Pa | 240.00 Pa | ✔ pass |
| Exhalation | 160.00 l/min | 165.47 Pa | 300.00 Pa | ✔ pass |



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

| | | | |
|----------------------|------------|----------|----------|
| Operator | Date | Time | Vesion |
| Christopher Reinhold | 09.12.2021 | 12:05:10 | 1.11.1.0 |

Basic information

| | |
|---------------------|---------------------|
| Operation parameter | |
| Script | Effizienz Test (Öl) |
| Aerosol | Oil |
| Main air | 94.95 l/min |
| Generator air | 3.19 l/min |

| | |
|--------------------|-------------------------|
| Test conditions | |
| Temperature | 23.10 °C |
| rel. humidity | 2.36 % |
| Mass concentration | 65.14 mg/m ³ |

Mask information

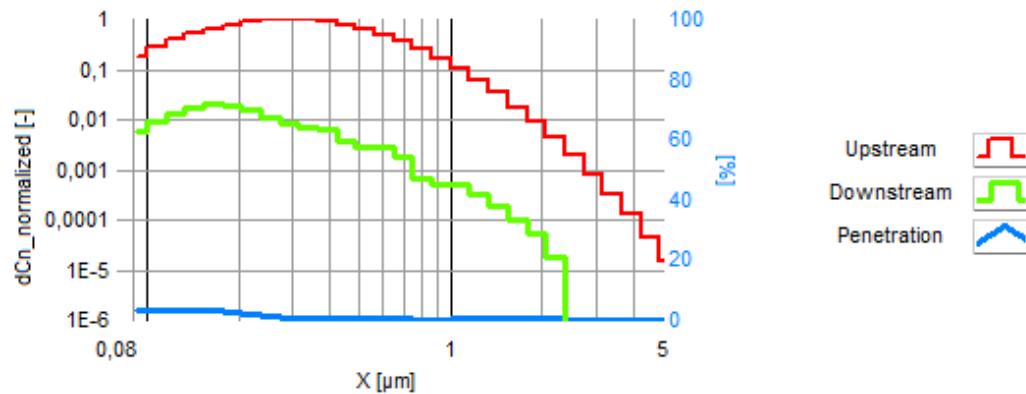
| | |
|-----------|------------------------------|
| Mask ID | 13868_20211209_120510 |
| Mask lot | 211209-F-L2-1-XS-A-IN |
| Mask type | DMASKE / Chargentest / FFP 2 |

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) | 3.36 % | 30.00 % | ✓ pass |
| P_m | 0.50 % | | |
| P_Ph_45° | 0.61 % | 6.00 % | ✓ pass |

Distributions



Calibration valid until 03.09.2022