

Test report - PMFT 1000 - Breath resistance / Valve test

| | | | |
|----------|------------|----------|----------|
| Operator | Date | Time | Vesion |
| Saad | 30.06.2022 | 11:37:45 | 1.11.1.0 |

Basic information

| | | | |
|---------------------|-----------------|-----------------|----------|
| Operation parameter | | Test conditions | |
| Script | Atemwiderstand | Temperature | 24.37 °C |
| Aerosol | Pressurized air | rel. humidity | 9.32 % |

Mask information

| | |
|-----------|------------------------------|
| Mask ID | 13868_20220630_113745 |
| Mask lot | 220628-F-L1-2-M2a-A-IN |
| Mask type | DMASKE / Chargentest / FFP 2 |

Result

| Description | Main air | Differential pressure | Upper limit | Result |
|--------------|--------------|-----------------------|-------------|--------|
| Inhalation 1 | 30.12 l/min | 28.90 Pa | 70.00 Pa | ✔ pass |
| Inhalation 2 | 94.82 l/min | 103.32 Pa | 240.00 Pa | ✔ pass |
| Exhalation | 159.97 l/min | 181.64 Pa | 300.00 Pa | ✔ pass |



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

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|----------|------------|----------|----------|
| Operator | Date | Time | Vesion |
| Saad | 30.06.2022 | 11:41:48 | 1.11.1.0 |

Basic information

| | |
|---------------------|---------------------|
| Operation parameter | |
| Script | Effizienz Test (Öl) |
| Aerosol | Oil |
| Main air | 94.89 l/min |
| Generator air | 2.53 l/min |

| | |
|--------------------|-------------|
| Test conditions | |
| Temperature | 24.40 °C |
| rel. humidity | 8.50 % |
| Mass concentration | 18.50 mg/m³ |

Mask information

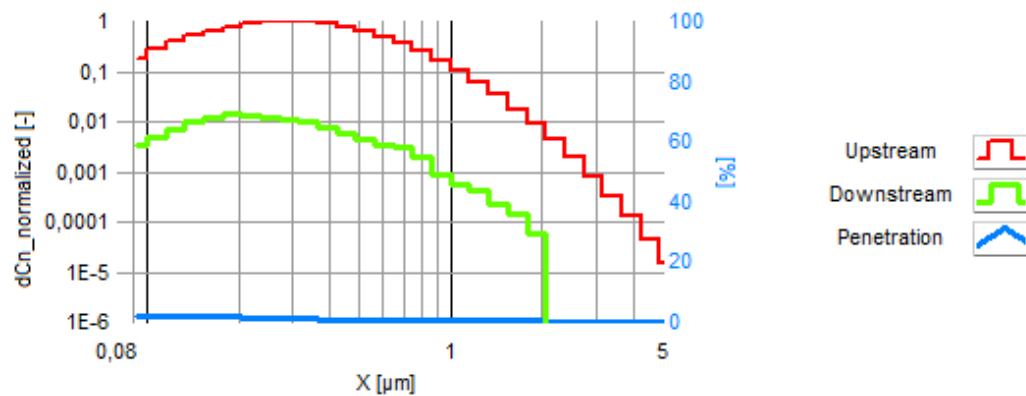
| | |
|-----------|------------------------------|
| Mask ID | 13868_20220630_114148 |
| Mask lot | 220628-F-L1-2-M2a-A-IN |
| Mask type | DMASKE / Chargentest / FFP 2 |

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) | 1.85 % | 20.00 % | ✓ pass |
| P_m | 0.68 % | | |
| P_Ph_45° | 0.83 % | 6.00 % | ✓ pass |

Distributions



Calibration valid until 03.09.2022