

## Test report - PMFT 1000 - Breath resistance / Valve test

|          |            |          |          |
|----------|------------|----------|----------|
| Operator | Date       | Time     | Vesion   |
| Carsten  | 28.09.2022 | 12:29:56 | 1.11.1.0 |

### Basic information

|                     |                 |                 |          |
|---------------------|-----------------|-----------------|----------|
| Operation parameter |                 | Test conditions |          |
| Script              | Atemwiderstand  | Temperature     | 22.91 °C |
| Aerosol             | Pressurized air | rel. humidity   | 2.44 %   |

### Mask information

|           |                              |
|-----------|------------------------------|
| Mask ID   | 13868_20220928_122956        |
| Mask lot  | 220928-F-L4-2-M2bgr-A-IN_    |
| Mask type | DMASKE / Chargentest / FFP 2 |

### Result

| Description  | Main air     | Differential pressure | Upper limit | Result |
|--------------|--------------|-----------------------|-------------|--------|
| Inhalation 1 | 30.14 l/min  | 27.60 Pa              | 70.00 Pa    | ✔ pass |
| Inhalation 2 | 94.88 l/min  | 98.99 Pa              | 240.00 Pa   | ✔ pass |
| Exhalation   | 159.95 l/min | 174.20 Pa             | 300.00 Pa   | ✔ pass |



Calibration expired since 03.09.2022

## Test report - PMFT 1000 - Oil penetration

|          |            |          |          |
|----------|------------|----------|----------|
| Operator | Date       | Time     | Vesion   |
| Carsten  | 28.09.2022 | 12:33:28 | 1.11.1.0 |

### Basic information

|                     |                     |
|---------------------|---------------------|
| Operation parameter |                     |
| Script              | Effizienz Test (Öl) |
| Aerosol             | Oil                 |
| Main air            | 94.91 l/min         |
| Generator air       | 2.69 l/min          |

|                    |                         |
|--------------------|-------------------------|
| Test conditions    |                         |
| Temperature        | 23.00 °C                |
| rel. humidity      | 3.10 %                  |
| Mass concentration | 19.45 mg/m <sup>3</sup> |

### Mask information

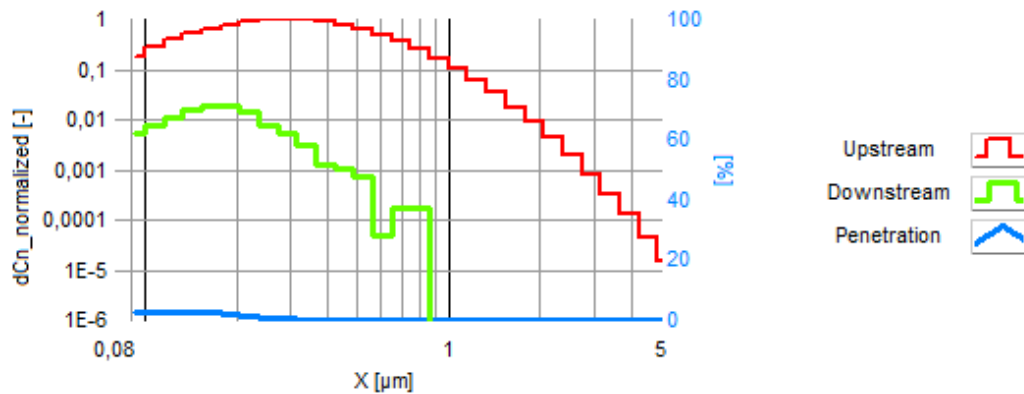
|           |                              |
|-----------|------------------------------|
| Mask ID   | 13868_20220928_123328        |
| Mask lot  | 220928-F-L4-2-M2bgr-A-IN_    |
| Mask type | DMASKE / Chargentest / FFP 2 |

### 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 $\mu\text{m}$ ) | 2.89 %      | 20.00 %     | ✔ pass |
| P_m                                | 0.09 %      |             |        |
| P_Ph_45°                           | 0.20 %      | 6.00 %      | ✔ pass |

### Distributions



Calibration expired since 03.09.2022