

Test report - PMFT 1000 - Breath resistance / Valve test

| | | | |
|--------------------|-------------------|-----------------|-----------------|
| Operator | Date | Time | Vesion |
| Svenja Wilk | 22.10.2021 | 15:40:02 | 1.11.1.0 |




Basic information

| | | | |
|---------------------|------------------------|-----------------|-----------------|
| Operation parameter | | Test conditions | |
| Script | Atemwiderstand | Temperature | 22.71 °C |
| Aerosol | Pressurized air | rel. humidity | 3.51 % |

Mask information

| | |
|-----------|-------------------------------------|
| Mask ID | 13868_20211022_154002 |
| Mask lot | 211022-S-L1-002-A-IN |
| Mask type | DMASKE / Chargentest / FFP 2 |

Result

| Description | Main air | Differential pressure | Upper limit | Result |
|--------------|---------------------|-----------------------|-------------|---|
| Inhalation 1 | 30.01 l/min | 38.91 Pa | 70.00 Pa |  pass |
| Inhalation 2 | 94.85 l/min | 124.12 Pa | 240.00 Pa |  pass |
| Exhalation | 159.90 l/min | 214.28 Pa | 300.00 Pa |  pass |

Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

| | | | |
|-------------|------------|----------|----------|
| Operator | Date | Time | Vesion |
| Svenja Wilk | 22.10.2021 | 15:45:43 | 1.11.1.0 |

Basic information

| | |
|---------------------|---------------------|
| Operation parameter | |
| Script | Effizienz Test (Öl) |
| Aerosol | Oil |
| Main air | 94.89 l/min |
| Generator air | 2.54 l/min |

| | |
|--------------------|-------------|
| Test conditions | |
| Temperature | 22.81 °C |
| rel. humidity | 3.03 % |
| Mass concentration | 18.22 mg/m³ |

Mask information

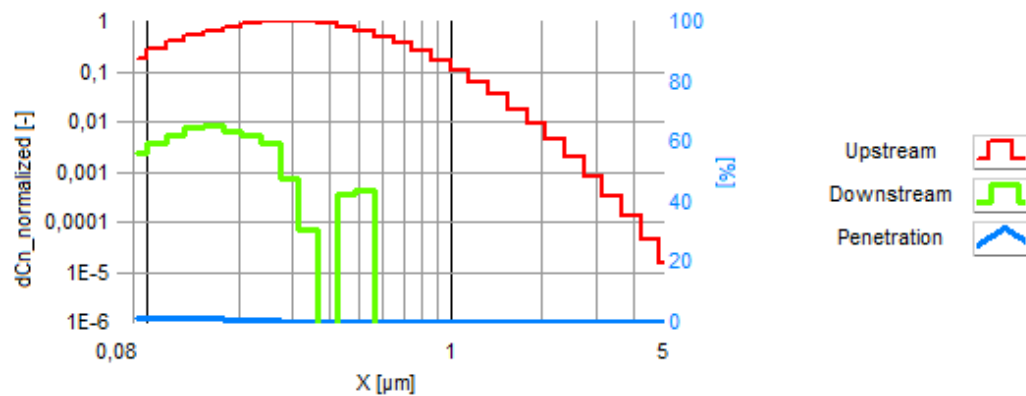
| | |
|-----------|------------------------------|
| Mask ID | 13868_20211022_154543 |
| Mask lot | 211022-S-L1-002-A-IN |
| Mask type | DMASKE / Chargentest / FFP 2 |

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) | 1.36 % | 30.00 % | ✓ pass |
| P_m | 0.02 % | | |
| P_Ph_45° | 0.05 % | 6.00 % | ✓ pass |

Distributions



Calibration valid until 03.09.2022