

**Certificate of Analysis
GM501 Gradient 45%**

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|-------------------|------------------|
| Batchnumber | GRAD45-2026 |
| Production date | 27 August 2020 |
| Expiry date | 28 February 2022 |
| Total volume (mL) | 11350 |

| | Results | Specifications |
|--|----------------|-----------------------|
| pH | 7,42 | 7,20-7,60 |
| Osmolality | 330 | 310-340 mOsm/kg |
| Bacterial screen | PASSED | PASSED |
| Fungal screen | PASSED | PASSED |
| Endotoxin | < 0,1 | < 0,50 EU/mL |
| Sperm survival Test (4 hours exposure) | 98 | ≥ 80 % |
| Sperm survival Test (24 hours exposure) | 95 | ≥ 75 % |

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|--------------|---------------------|
| Release date | 17 September 2020 |
| Released by | Dr. Julia Heinzmann |
| Signature | |

p.p. Julia Heinzmann