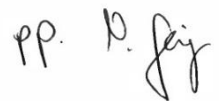


**Certificate of Analysis  
GM501 Gradient 45%**

|                   |                  |
|-------------------|------------------|
| Batchnumber       | GRAD45-2512      |
| Production date   | 05 May 2025      |
| Expiry date       | 30 November 2026 |
| Total volume (ml) | 6450             |

| Parameter                                                       | Results   | Specifications     |
|-----------------------------------------------------------------|-----------|--------------------|
| pH                                                              | 7,35      | 7,20-7,60          |
| Osmolality                                                      | 328       | 310-340 mOsm/kg    |
| Endotoxin level                                                 | < 0,15    | < 0,50 EU/mL       |
| Density                                                         | 1,0594    | 1,0500-1,0700 g/ml |
| Sterility test (according to the current Ph. Eur. 2.6.1 / <71>) | No growth | No growth          |
| HSSA (Human sperm survival assay)<br>(4 hours exposure)         | 98        | ≥ 80 %             |
| HSSA (Human sperm survival assay)<br>(24 hours exposure)        | 92        | ≥ 75 %             |

|              |                                                                                       |
|--------------|---------------------------------------------------------------------------------------|
| Release date | 21 May 2025                                                                           |
| Released by  | Nicole Geiger                                                                         |
| Signature    |  |

REV 09\_00 / 2024-09-11