

**Certificate of Analysis  
GM501 Gradient 90%**

|                   |                  |
|-------------------|------------------|
| Batchnumber       | GRAD90-2616      |
| Production date   | 20 August 2026   |
| Expiry date       | 29 February 2028 |
| Total volume (ml) | 17200            |

| Parameter                                                           | Results   | Specifications     |
|---------------------------------------------------------------------|-----------|--------------------|
| pH                                                                  | 7,27      | 7,20-7,60          |
| Osmolality                                                          | 345       | 320-350 mOsm/kg    |
| Density                                                             | 1,1138    | 1,1050-1,1150 g/ml |
| Endotoxin level                                                     | < 0,15    | < 0,50 EU/ml       |
| Sterility test (according to the current Ph. Eur. 2.6.1 / USP <71>) | No growth | No growth          |
| HSSA (Human sperm survival assay)<br>(4 hours exposure)             | 100       | ≥ 80 %             |
| HSSA (Human sperm survival assay)<br>(24 hours exposure)            | 96        | ≥ 75 %             |

|              |                   |
|--------------|-------------------|
| Release date | 07 September 2026 |
| Released by  | Nicole Geiger     |
| Signature    |                   |

pp. P. Geiger

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