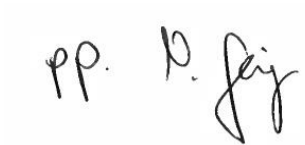


**Certificate of Analysis  
GM501 Gradient**

Batchnumber GRAD90-2415  
 Production date 10 June 2024  
 Expiry date 31 December 2025  
 Total volume (ml) 18500

<b>Parameter</b>	<b>Results</b>	<b>Specifications</b>
pH	7,35	7,20-7,60
Osmolality	342	320-350 mOsm/kg
Density	1,1071	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
Viscosity in cP (25°C)	1,58	< 1,65 cP
Sperm survival Test (4 hours exposure)	98	≥ 80 %
Sperm survival Test (4 hours exposure)	95	≥ 75 %

Release date 25 June 2024  
 Released by Nicole Geiger  
 Signature



REV 08\_00 / 2023-09-15