

**Certificate of Analysis  
GM501 Gradient 90%**

Batchnumber	GRAD90-2301
Production date	17 January 2023
Expiry date	31 July 2024
Total volume (mL)	11700

	<b>Results</b>	<b>Specifications</b>
pH	7,39	7,20-7,60
Osmolality	342	320-350 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,1	< 0,50 EU/mL
Density	1,1103	1.1050-1.1150 g/mL
Viscosity in cP (26°C)	1,64	< 1,65 cP
Sperm survival Test (4 hours exposure)	97	≥ 80 %
Sperm survival Test (24 hours exposure)	89	≥ 75 %

Release date	01 February 2023
Released by	Nicole Geiger
Signature	

pp. N. Geiger