

**Certificate of Analysis  
GM501 Gradient 90%**

Batchnumber	GRAD90-1924
Production date	19 June 2019
Expiry date	31 December 2020
Total volume (mL)	23800

	<b>Results</b>	<b>Specifications</b>
pH	7,34	7,20-7,60
Osmolality	330	320-350 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,291	< 0,50 EU/mL
Density	1,1088	1.1050-1.1150 g/mL
Viscosity in cP (26°C)	1,55	< 1,65 cP
Sperm survival Test (4 hours exposure)	95	≥ 80 %
Sperm survival Test (24 hours exposure)	94	≥ 75 %

Release date 04 July 2019

Released by Vanessa Bierlich

Signature