

**Certificate of Analysis  
GM501 Gradient 90%**

Batchnumber	GRAD90-1801
Production date	28 March 2018
Expiry date	30 September 2019
Total volume (mL)	25500

	<b>Results</b>	<b>Specifications</b>
pH	7,45	7,20-7,60
Osmolality	336	320-350 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,1	< 0,50 EU/mL
Density	1,11	1.1050-1.1150 g/mL
Viscosity in cP (26°C)	1,53	< 1,65 cP
Sperm survival Test	95	≥ 80 %

Release date 13 April 2018

Released by Dr. Julia Heinzmann

Signature

*p.p. Julia Heinzmann*