

**Certificate of Analysis  
GM501 Gradient 90%**

Batchnumber	GRAD90-1701
Production date	06 March 2017
Expiry date	30 September 2018
Total volume (mL)	24000

	<b>Results</b>	<b>Specifications</b>
pH	7,46	7,20-7,60
Osmolality	324	320-350 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,1	< 0,50 EU/mL
Density	1,1075	1.1050-1.1150 g/mL
Viscosity in cP (26°C)	1,44	< 1,65 cP
Sperm survival Test	100	≥ 80 %

Release date 21 March 2017

Released by Dr. Julia Heinzmann

Signature

*p.p. Julia Heinzmann*