

**Certificate of Analysis  
GM501 Gradient 90%**

Batchnumber	GRAD90-2008
Production date	02 March 2020
Expiry date	30 September 2021
Total volume (mL)	13000

	<b>Results</b>	<b>Specifications</b>
pH	7,34	7,20-7,60
Osmolality	327	320-350 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSEd	PASSED
Endotoxin	< 0,1	< 0,50 EU/mL
Density	1,1109	1.1050-1.1150 g/mL
Viscosity in cP (26°C)	1,63	< 1,65 cP
Sperm survival Test (4 hours exposure)	98	≥ 80 %
Sperm survival Test (24 hours exposure)	97	≥ 75 %

Release date 17 March 2020

Released by Dr. Julia Heinzmann

Signature

*p.p. Julia Heinzmann*