

**Certificate of Analysis
GM501 Gradient 100%**

Batchnumber	GSS-1913
Production date	14 May 2019
Expiry date	30 November 2020
Total volume (mL)	80500

	Results	Specifications
pH	7,41	7,20-7,60
Osmolality	322	300-330 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,194	< 0,50 EU/mL
Density	1,1218	1,1150-1,1250 g/mL
Viscosity in cP (26°C)	1,59	< 1,75 cP
Sperm survival Test (4 hours exposure)	99	≥ 80 %
Sperm survival Test (24 hours exposure)	94	≥ 75 %

Release date 29 May 2019

Released by Dr. Julia Heinzmann

Signature

p.p. Julia Heinzmann