

**Certificate of Analysis
GM501 Gradient 100%**

Batchnumber	GSS-1904
Production date	07 February 2019
Expiry date	31 August 2020
Total volume (mL)	85250

	Results	Specifications
pH	7,33	7,20-7,60
Osmolality	328	300-330 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,177	< 0,50 EU/mL
Density	1,1216	1,1150-1,1250 g/mL
Viscosity in cP (26°C)	1,59	< 1,75 cP
Sperm survival Test (4 hours exposure)	96	≥ 80 %
Sperm survival Test (24 hours exposure)	88	≥ 75 %

Release date	22 February 2019
Released by	Dr. Julia Heinzmann
Signature	

p.p. Julia Heinzmann