

**Certificate of Analysis
GM501 Gradient 100%**

Batchnumber	GSS-1721
Production date	15 November 2017
Expiry date	31 May 2019
Total volume (mL)	15000

	Results	Specifications
pH	7,59	7,20-7,60
Osmolality	314	300-330 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,1	< 0,50 EU/mL
Density	1,1203	1,1150-1,1250 g/mL
Viscosity in cP (26°C)	1,58	< 1,75 cP
Sperm survival Test	98	≥ 80 %

Release date 04 January 2018

Released by Dr. Julia Heinzmann

Signature

p.p. Julia Heinzmann