

**Certificate of Analysis
GM501 Gradient 100%**

Batchnumber	GSS-1724
Production date	18 December 2017
Expiry date	30 June 2019
Total volume (mL)	54000

	Results	Specifications
pH	7,51	7,20-7,60
Osmolality	317	300-330 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,1	< 0,50 EU/mL
Density	1,1176	1,1150-1,1250 g/mL
Viscosity in cP (26°C)	1,6	< 1,75 cP
Sperm survival Test	100	≥ 80 %

Release date 05 January 2018

Released by Dr. Julia Heinzmann

Signature

p.p. Julia Heinzmann