

**Certificate of Analysis
GM501 Gradient 45%**

Batchnumber	GRAD45-1702
Production date	13 July 2017
Expiry date	31 January 2019
Total volume (mL)	19900

	Results	Specifications
pH	7,5	7,20-7,60
Osmolality	317	310-340 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,2	< 0,50 EU/mL
Sperm Survival Test	89	≥80 %

Release date 01 August 2017

Released by Dr. Julia Heinzmann

Signature

p.p. Julia Heinzmann