

**Certificate of Analysis
GM501 Gradient 45%**

Batchnumber	GRAD45-1703
Production date	19 December 2017
Expiry date	30 June 2019
Total volume (mL)	25200

	Results	Specifications
pH	7,49	7,20-7,60
Osmolality	314	310-340 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,1	< 0,50 EU/mL
Sperm Survival Test	94	≥80 %

Release date 05 January 2018

Released by Dr. Julia Heinzmann

Signature

p.p. Julia Heinzmann