

**Certificate of Analysis
GM501 Gradient 45%**

Batchnumber	GRAD45-1914
Production date	07 May 2019
Expiry date	30 November 2020
Total volume (mL)	11350

	Results	Specifications
pH	7,32	7,20-7,60
Osmolality	331	310-340 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,1	< 0,50 EU/mL
Sperm survival Test (4 hours exposure)	97	≥ 80 %
Sperm survival Test (24 hours exposure)	90	≥ 75 %

Release date 22 May 2019

Released by Dr. Julia Heinzmann

Signature

p.p. Julia Heinzmann