

**Certificate of Analysis  
GM501 Gradient 45%**

Batchnumber	GRAD45-1827
Production date	25 July 2018
Expiry date	31 January 2020
Total volume (mL)	14550

	<b>Results</b>	<b>Specifications</b>
pH	7,39	7,20-7,60
Osmolality	321	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)	96	≥ 75 %

Release date 09 August 2018

Released by Dr. Julia Heinzmann

Signature

*p.p. Julia Heinzmann*