

**Certificate of Analysis
GM501 Gradient 45%**

Batchnumber	GRAD45-1936
Production date	17 October 2019
Expiry date	30 April 2021
Total volume (mL)	12300

	Results	Specifications
pH	7,37	7,20-7,60
Osmolality	326	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)	98	≥ 80 %
Sperm survival Test (24 hours exposure)	91	≥ 75 %

Release date 04 November 2019

Released by Vanessa Bierlich

Signature