

**Certificate of Analysis
GM501 Gradient 45%**

Batchnumber	GRAD45-1924
Production date	19 June 2019
Expiry date	31 December 2020
Total volume (mL)	20000

	Results	Specifications
pH	7,33	7,20-7,60
Osmolality	323	310-340 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,117	< 0,50 EU/mL
Sperm survival Test (4 hours exposure)	100	≥ 80 %
Sperm survival Test (24 hours exposure)	94	≥ 75 %

Release date 04 July 2019

Released by Vanessa Bierlich

Signature