

**Certificate of Analysis
GM501 Gradient 90%**

Batchnumber	GRAD90-1930
Production date	27 August 2019
Expiry date	28 February 2021
Total volume (mL)	21000

	Results	Specifications
pH	7,36	7,20-7,60
Osmolality	345	320-350 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,11	< 0,50 EU/mL
Density	1,1091	1.1050-1.1150 g/mL
Viscosity in cP (26°C)	1,56	< 1,65 cP
Sperm survival Test (4 hours exposure)	98	≥ 80 %
Sperm survival Test (24 hours exposure)	95	≥ 75 %

Release date 11 September 2019

Released by Vanessa Bierlich

Signature