

**Certificate of Analysis
GM501 Gradient 90%**

Batchnumber	GRAD90-2214
Production date	27 April 2022
Expiry date	31 October 2023
Total volume (mL)	13500

	Results	Specifications
pH	7,37	7,20-7,60
Osmolality	335	320-350 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,1	< 0,50 EU/mL
Density	1,1090	1.1050-1.1150 g/mL
Viscosity in cP (26°C)	1,6	< 1,65 cP
Sperm survival Test (4 hours exposure)	97	≥ 80 %
Sperm survival Test (24 hours exposure)	95	≥ 75 %

Release date 12 May 2022

Released by Dr. Julia Heinzmann

Signature

p.p. Julia Heinzmann