

**Certificate of Analysis
GM501 Gradient 90%**

Batchnumber	GRAD90-2032
Production date	13 October 2020
Expiry date	30 April 2022
Total volume (mL)	20600

	Results	Specifications
pH	7,4	7,20-7,60
Osmolality	324	320-350 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,1	< 0,50 EU/mL
Density	1,1082	1.1050-1.1150 g/mL
Viscosity in cP (26°C)	1,55	< 1,65 cP
Sperm survival Test (4 hours exposure)	98	≥ 80 %
Sperm survival Test (24 hours exposure)	98	≥ 75 %

Release date 28 October 2020

Released by Dr. Julia Heinzmann

Signature

p.p. Julia Heinzmann