

**Certificate of Analysis
GM501 Gradient 100%**

Batchnumber	GSS-2001
Production date	09 January 2020
Expiry date	31 July 2021
Total volume (mL)	64500

	Results	Specifications
pH	7,29	7,20-7,60
Osmolality	322	300-330 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,1	< 0,50 EU/mL
Density	1,1214	1,1150-1,1250 g/mL
Viscosity in cP (26°C)	1,64	< 1,75 cP
Sperm survival Test (4 hours exposure)	95	≥ 80 %
Sperm survival Test (24 hours exposure)	85	≥ 75 %

Release date 24 January 2020

Released by Dr. Julia Heinzmann

Signature

p.p. Julia Heinzmann