

**Certificate of Analysis
GM501 Gradient 100%**

Batchnumber	GSS-2011
Production date	26 May 2020
Expiry date	30 November 2021
Total volume (mL)	80000

	Results	Specifications
pH	7,36	7,20-7,60
Osmolality	308	300-330 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,1	< 0,50 EU/mL
Density	1,1177	1,1150-1,1250 g/mL
Viscosity in cP (26°C)	1,68	< 1,75 cP
Sperm survival Test (4 hours exposure)	98	≥ 80 %
Sperm survival Test (24 hours exposure)	93	≥ 75 %

Release date 10 June 2020

Released by Dr. Julia Heinzmann

Signature

p.p. Julia Heinzmann