

**Certificate of Analysis
GM501 Gradient 100%**

Batchnumber GSS-1826
 Production date 06 November 2018
 Expiry date 31 May 2020
 Total volume (mL) 95000

	Results	Specifications
pH	7,26	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	1,1232	1,1150-1,1250 g/mL
Viscosity in cP (26°C)	1,61	< 1,75 cP
Sperm survival Test (4 hours exposure)	98	≥ 80 %
Sperm survival Test (24 hours exposure)	96	≥ 75 %

Release date 22 November 2018
 Released by Dr. Julia Heinzmann
 Signature

p.p. Julia Heinzmann