

**Certificate of Analysis
GM501 Gradient 90%**

Batchnumber	GRAD90-2015
Production date	25 May 2020
Expiry date	30 November 2021
Total volume (mL)	23200

	Results	Specifications
pH	7,34	7,20-7,60
Osmolality	333	320-350 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,1	< 0,50 EU/mL
Density	1,1079	1.1050-1.1150 g/mL
Viscosity in cP (26°C)	1,62	< 1,65 cP
Sperm survival Test (4 hours exposure)	100	≥ 80 %
Sperm survival Test (24 hours exposure)	95	≥ 75 %

Release date 09 June 2020

Released by Dr. Julia Heinzmann

Signature

p.p. Julia Heinzmann