

**Certificate of Analysis
GM501 Gradient 90%**

Batchnumber	GRAD90-2122
Production date	17 June 2021
Expiry date	31 December 2022
Total volume (mL)	23300

	Results	Specifications
pH	7,41	7,20-7,60
Osmolality	346	320-350 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,1	< 0,50 EU/mL
Density	1,1109	1.1050-1.1150 g/mL
Viscosity in cP (26°C)	1,64	< 1,65 cP
Sperm survival Test (4 hours exposure)	99	≥ 80 %
Sperm survival Test (24 hours exposure)	95	≥ 75 %

Release date 07 June 2021

Released by Vanessa Bierlich

Signature