

**Certificate of Analysis
GM501 Gradient 90%**

Batchnumber	GRAD90-2118
Production date	16 April 2021
Expiry date	31 October 2022
Total volume (mL)	21250

	Results	Specifications
pH	7,46	7,20-7,60
Osmolality	330	320-350 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,1	< 0,50 EU/mL
Density	1,1096	1.1050-1.1150 g/mL
Viscosity in cP (26°C)	1,63	< 1,65 cP
Sperm survival Test (4 hours exposure)	97	≥ 80 %
Sperm survival Test (24 hours exposure)	96	≥ 75 %

Release date 03 May 2021

Released by Vanessa Bierlich

Signature