

**Certificate of Analysis
GM501 Gradient 100%**

Batchnumber	GSS-2111
Production date	16 April 2021
Expiry date	31 October 2022
Total volume (mL)	80000

	Results	Specifications
pH	7,38	7,20-7,60
Osmolality	314	300-330 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,1	< 0,50 EU/mL
Density	1,1221	1,1150-1,1250 g/mL
Viscosity in cP (26°C)	1,73	< 1,75 cP
Sperm survival Test (4 hours exposure)	99	≥ 80 %
Sperm survival Test (24 hours exposure)	94	≥ 75 %

Release date 03 May 2021

Released by Vanessa Bierlich

Signature