

**Certificate of Analysis
GM501 Gradient 45%**

Batchnumber	GRAD45-2212
Production date	07 April 2022
Expiry date	31 October 2023
Total volume (mL)	11700

	Results	Specifications
pH	7,38	7,20-7,60
Osmolality	327	310-340 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,1	< 0,50 EU/mL
Sperm survival Test (4 hours exposure)	100	≥ 80 %
Sperm survival Test (24 hours exposure)	94	≥ 75 %

Release date 26 April 2022

Released by Dr. Julia Heinzmann

Signature

p.p. Julia Heinzmann