

**Certificate of Analysis  
GM501 Gradient 45%**

Batchnumber	GRAD45-2228
Production date	19 August 2022
Expiry date	28 February 2024
Total volume (mL)	5750

	<b>Results</b>	<b>Specifications</b>
pH	7,38	7,20-7,60
Osmolality	324	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)	98	≥ 80 %
Sperm survival Test (24 hours exposure)	89	≥ 75 %

Release date 05 September 2022

Released by Dr. Julia Heinzmann

Signature

*p.p. Julia Heinzmann*