

**Certificate of Analysis  
GM501 Gradient 45%**

Batchnumber	GRAD45-2131
Production date	29 September 2021
Expiry date	31 March 2023
Total volume (mL)	13250

	<b>Results</b>	<b>Specifications</b>
pH	7,4	7,20-7,60
Osmolality	322	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)	96	≥ 75 %

Release date 18 October 2021

Released by Dr. Julia Heinzmann

Signature

*p.p. Julia Heinzmann*