

**Certificate of Analysis  
GM501 Gradient 45%**

Batchnumber	GRAD45-2008
Production date	02 March 2020
Expiry date	30 September 2021
Total volume (mL)	12000

	<b>Results</b>	<b>Specifications</b>
pH	7,26	7,20-7,60
Osmolality	332	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)	96	≥ 80 %
Sperm survival Test (24 hours exposure)	93	≥ 75 %

Release date	17 March 2020
Released by	Dr. Julia Heinzmann
Signature	

*p.p. Julia Heinzmann*