

**Certificate of Analysis
GM501 Gradient 45%**

Batchnumber	GRAD45-2620
Production date	18 September 2026
Expiry date	31 March 2028
Total volume (ml)	16300

Parameter	Results	Specifications
pH	7,31	7,20-7,60
Osmolality	326	310-340 mOsm/kg
Endotoxin level	< 0,15	< 0,50 EU/mL
Density	1,0587	1,0500-1,0700 g/ml
Sterility test (according to the current Ph. Eur. 2.6.1 / <71>)	No growth	No growth
HSSA (Human sperm survival assay) (4 hours exposure)	99	≥ 80 %
HSSA (Human sperm survival assay) (24 hours exposure)	96	≥ 75 %

Release date	07 October 2026
Released by	Dr. René Richarz
Signature	

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