

**Certificate of Analysis  
GM501 Gradient 45%**

Batchnumber GRAD45-2601  
 Production date 03 February 2026  
 Expiry date 31 August 2027  
 Total volume (ml) 20300

<b>Parameter</b>	<b>Results</b>	<b>Specifications</b>
pH	7,3	7,20-7,60
Osmolality	326	310-340 mOsm/kg
Endotoxin level	< 0,15	< 0,50 EU/mL
Density	1,0577	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)	100	≥ 80 %
HSSA (Human sperm survival assay) (24 hours exposure)	97	≥ 75 %

Release date 18 February 2026  
 Released by Dr. René Richarz  
 Signature



REV 09\_00 / 2024-09-11