

**Certificate of Analysis
GM501 Gradient 45%**

Batchnumber	GRAD45-2018
Production date	25 June 2020
Expiry date	31 December 2021
Total volume (mL)	13000

	Results	Specifications
pH	7,33	7,20-7,60
Osmolality	328	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)	99	≥ 80 %
Sperm survival Test (24 hours exposure)	94	≥ 75 %

Release date 13 July 2020

Released by Dr. Julia Heinzmann

Signature

p.p. Julia Heinzmann