



ACROSS BIOTECH
MAKE A DIFFERENCE

Certificate of Analysis

Product:	Magnesium citrate malate	Grade.:	Food grade
Quantity:	1000KG	Package:	25kg/carton
MFG Date:	2025/04/19	Batch No.:	MGCM25041901
EXP Date:	2027/04/18	Standard:	In house

Item	Specification	Result
Characteristics	White to yellowish powder	Conform
Loss on drying	≤10.0%	5.8%
PH (20% solution)	5.0-7.0	5.8
Chloride	≤0.05%	<0.05%
Sulfate	≤0.05%	<0.05%
Heavy metals	≤10ppm	<10ppm
Lead	≤2ppm	<2ppm
Arsenic	≤3ppm	<3ppm
Cadmium	≤1ppm	<1ppm
Mercury	≤0.1ppm	<0.1ppm
Total plate counts	≤1000 CFU/g	Conform
Yeasts and molds	≤100 CFU/g	Conform
Escherichia coli	Negative	Conform
Salmonella	Negative	Conform
Ratio citrate: malate (peak areas)	1.28-1.65	1.56
Mg content	12.0%-15.0%	13.0%

