



ACROSS BIOTECH
MAKE A DIFFERENCE

Certificate of Analysis

Product:	Magnesium Acetyl Taurate	Cas No.:	75350-40-2
Quantity:	1000KG	Package:	25kg/drum
MFG Date:	2025/04/14	Batch No.:	MAT25041401
EXP Date:	2027/04/13	Standard:	In house

Item	Specification	Result
Characteristics	A white to almost white crystalline powder	Conform
Loss on drying	$\leq 10\%$	2.7%
Taurine	$\leq 2\%$	$< 2\%$
Organic solvents (ethyl acetate and ethanol)	$\leq 5000\text{mg/kg}$	$< 5000\text{mg/kg}$
Acetic acid	$\leq 0.1\%$	0.05%
Heavy metals	$\leq 20\text{ppm}$	$< 20\text{ppm}$
Lead	$\leq 3\text{ppm}$	$< 3\text{ppm}$
Arsenic	$\leq 2\text{ppm}$	$< 2\text{ppm}$
Cadmium	$\leq 1\text{ppm}$	$< 1\text{ppm}$
Mercury	$\leq 0.1\text{ppm}$	$< 0.1\text{ppm}$
Total plate counts	$\leq 1000\text{ CFU/g}$	Conform
Yeasts and molds	$\leq 100\text{ CFU/g}$	Conform
Escherichia coli	Negative	Conform
Salmonella	Negative	Conform
Staphylococcus aureus	Negative	Conform
Magnesium content	$\geq 6.0\%$	7.0%
Acetyl taurine content	91.0%-95.5%	92.6%
Assay	$\geq 98.0\%$	99.4%

