



Certificate of Analysis

Product:	Magnesium Caprylate Dihydrate	Cas No.:	3386-57-0
Quantity:	1000KG	Package:	25kg/drum
MFG Date:	2025/0313	Batch No.:	MGC25031301
EXP Date:	2027/03/12	Standard:	In house

Item	Specification	Result
Characteristics	White to off-white powder	Conform
Loss on drying	$\leq 5\%$	3.6%
Limit of Calcium	$\leq 1\%$	<1%
Chloride	$\leq 0.05\%$	<0.05%
Sulfate	$\leq 0.2\%$	<0.2%
Acetic acid	$\leq 0.1\%$	0.05%
Heavy metals	$\leq 0.005\%$	<0.005%
Lead	$\leq 3\text{ppm}$	<3ppm
Arsenic	$\leq 1\text{ppm}$	<1ppm
Cadmium	$\leq 1\text{ppm}$	<1ppm
Mercury	$\leq 0.1\text{ppm}$	<0.1ppm
Iron	$\leq 0.002\%$	<0.002%
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	7.0%-8.5%	7.2%
Magnesium octoate (dry basis) assay	$\geq 98.0\%$	99.1%

