



Certificate of Analysis

Product:	Calcium Malate	Cas No.:	17482-42-7
Quantity:	1000KG	Package:	25kg/drum
MFG Date:	2025/02/28	Batch No.:	CAM25022801
EXP Date:	2027/02/26	Standard:	In house

Item	Specification	Result
Characteristics	White or off-white powder	Conform
Loss on drying	$\leq 5\%$	4.1%
Fumaric acid	$\leq 1\%$	<1%
Maleic acid	$\leq 0.05\%$	< 0.05%
Heavy metals	$\leq 20\text{ppm}$	<20ppm
Lead	$\leq 5\text{ppm}$	<5ppm
Arsenic	$\leq 3\text{ppm}$	<3ppm
Mercury	$\leq 1\text{ppm}$	<1ppm
Fluoride	$\leq 30\text{ppm}$	<30ppm
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
Calcium content	$\geq 22.5\%$	24.0%
Assay	$\geq 97.0\%$	97.4%

