



## CERTIFICATE OF ANALYSIS

<b>Product Name:</b> Magnesium Malate	<b>Origin of Country:</b> China
<b>Manufacture Date:</b> 2023.07.14	<b>Analysis Date:</b> 2023.07.16
<b>Batch No:</b> QH202307101	<b>Expiration Date:</b> 2025.07.15

Items	Specifications	Results
Appearance	White granular crystals or powders	Complies
Identification	It responds to the tests for Magnesium and for malate	Complies
Solubility	Poorly soluble in water	Complies
Mg	$\geq 15$	15.85
Loss on drying	$\leq 27.0$	6.35
Chloride	$\leq 0.005$	$\leq 0.005$
Sulphate	$\leq 0.01$	$\leq 0.01$
Iron	$\leq 0.005$	$\leq 0.005$
Heavy metals	$\leq 0.001$	$\leq 0.001$
Pb(mg/kg)	$\leq 1.0$	Complies
As(mg/kg)	$\leq 1.0$	Complies
Hg(mg/kg)	$\leq 1.0$	Complies
Cd(mg/kg)	$\leq 1.0$	Complies
Total Plate Count(CFU/g)	$\leq 1000$ cfu/g	Complies
Total Yeast & Mold	$\leq 100$ cfu/g	Complies
E.Coli	Negative	Negative
Salmonella	Negative	Negative

Conclusion	Conform with specification
Storage condition	Store in cool & dry place, Do not freeze. Keep away from strong light and heat.
Shelf life	2 years when properly stored