

## CERTIFICATE OF ANALYSIS

Product Name	Magnesium Ascorbyl Phosphate	CAS	113170-55-1
Batch Number	SOST2024022502	Manufacture. Date	Feb, 25th, 2024
Batch Quantity	1000KG	Expiration Date	Feb, 24th, 2026

Items	Specifications	Results
Assay	≥98%	99.5%
Description	Free flowing white powder	Conformed
Loss on drying	≤20.0%	11.0%
Heavy metals	≤0.001%	Conformed
Arsenic	≤0.0002%	Conformed
pH value ( 3% aqueous solution)	7.0-8.5	7.7
Color of solution ( APHA)	≤70	Conformed
Free ascorbic acid	≤0.50%	0.10%
Specific Rotation	+21.5° +26.5°	24.5
Free phosphoric acid	≤1.0%	Conformed
Chloride	≤0.35%	Conformed
Total aerobic count	≤100 cfu/g	Conformed
Molds & Yeas	≤50cfu/g	<10cfu/g
E.Coli	Negative/g	Negative/g
Salmonella	Negative/g	Negative/g
Staphylococcus aureus	Negative/g	Negative/g
Pseudomonas aeruginosa	Negative/g	Negative/g
Conclusion	This sample meets the specifications.	
Packing	25kg/paper drum ,Pack in paper-drums and two plastic-bags inside.	
Storage	Store in sealed containers at cool & dry place. Protect from light, moisture and pest infestation.	
Shelf life	2 years when properly stored	

QC MANAGER:Feng Li

ANALYST:Guo Shan

