

CERTIFICATE OF ANALYSIS

Product Name	Vitamin C (Magnesium Ascorbyl Phosphate)
INCI Name	Magnesium Ascorbyl Phosphate
CAS#	113170-55-1
Lot Number	20250322
Manufacture Date	03/2025
Re-test Date	03/2027

Analytical Tests	Specification	Results
Appearance	White to Pale yellow powder	Complies
Color of 3% solution	APHA number <70	39.0
Transparence of 3% sol.	Transparent	Complies
pH Value	7.0 ~ 8.5	8.2
Assay (HPLC)	≥ 98.5	99.0
Water Content	≤ 20.0	8.0
Chloride	≤ 0.35	< 0.35
Specific rotation $[\alpha]_{D20^\circ}$	+20.0°~ +26.5°	+25.0°
Free ascorbic acid	≤ 0.5	0.3
Free phosphoric acid	≤ 1.0	< 1.0
Lead (mg/kg)	≤ 10	< 10
Arsenic (mg/kg)	≤ 2	< 2
Mercury (mg/kg)	≤ 1	< 1
Cadmium (mg/kg)	≤ 5	< 5
Total plate count (cfu/g)	≤ 100	Complies
Yeast & mould (cfu/g)	≤100	Complies
Conclusion	Conforms	Complies

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.
When stored for more than 24 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

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