

CERTIFICATE OF ANALYSIS

Product Name	Vitamin C (L-ascorbyl palmitate)
Product Code	AL00113
INCI Name	Ascorbyl Palmitate
CAS Number	137-66-6
Lot Number	20250512
Manufacture Date	05/2025
Re-test Date	05/2027

Items	Specification	Results
Appearance	White or yellowish white powder	Complies
Solubility	Clear	Clear
Assay	98.0 – 100.5 [%]	99.1
Specific rotation	+21.0° ~ +24.0°	+23.1°
Melting point (°C)	107.0 – 117.0 [°C]	111.5
Loss on drying (%)	≤ 1.0 [%]	0.55
Sulphated ash (%)	≤ 0.1 [%]	0.02
Lead (mg/kg)	≤ 10 [mg/kg]	< 10
Arsenic (mg/kg)	≤ 2 [mg/kg]	< 2
Mercury (mg/kg)	≤ 1 [mg/kg]	< 1
Cadmium (mg/kg)	≤ 5 [mg/kg]	< 5
Total plate count	≤ 1000 [cfu/g]	Complies
Yeast & mould (cfu/g)	≤ 100 [cfu/g]	Complies

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.
When stored for a period longer than the one specified above, quality should be checked before use.

As it is electronically generated document, hence no signature required

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