

CERTIFICATE OF ANALYSIS

Product Name	Vitamin C (Ascorbyl Glucoside)
INCI Name	Ascorbyl Glucoside
CAS#	129499-78-1
Lot Number	20250830
Manufacture Date	08/2025
Re-test Date	08/2027

Analytical Tests	Specification	Results
Appearance	White to cream powder	Complies
pH	2.0 ~ 2.5	2.4
Melting Point	158°C ~ 163°C	160.4 °C
Optical rotation	+186.0° ~ +188.0°	+186.4°
Loss on drying	≤ 1.0%	0.3%
Residue on ignition	≤ 0.2%	0.03
Free ascorbic acid	≤ 0.1%	0.07
Free glucose	≤ 0.1%	0.05
Assay	≥ 98%	98.9%
Lead	≤ 10 mg/kg	< 10 mg/kg
Arsenic	≤ 1 mg/kg	< 1mg/kg
Mercury	≤ 1 mg/kg	< 1 mg/kg
Cadmium	≤ 5 mg/kg	< 5 mg/kg
Total plate count	≤ 1000 cfu/g	Complies
Yeast & mould	≤ 100 cfu/g	Complies

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.
Room temperature is suitable for regular storage, and a temperature of 2-8°C or lower for long-term storage.

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

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