

CERTIFICATE OF ANALYSIS

Product Name	Vitamin C (3-O-Ethyl Ascorbic Acid)
INCI Name	3-O-Ethyl Ascorbic Acid
CAS#	86404-04-8
Lot Number	20240706
Manufacture Date	07/2024
Re-test Date	07/2026

Analytical Tests	Specification	Results
Appearance	White to off white crystal powder	Complies
Melting point	111.0 °C - 115.0 °C	114.1 °C
Assay (HPLC)	≥ 98.5 %	99.9 %
Free VC (HPLC)	≤ 10ppm	Complies
Colority (3% water sol.)	≤ 25	< 25
pH (3% water solution)	3.0 - 5.0	4.1
Moisture (%)	≤ 1.0	0.03
Ash (%)	≤ 0.1	0.03
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	< 10
Yeast & mould (cfu/g)	≤ 10	< 10

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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