

## Certificate of Analysis

### (Representative Sample Certificate)

**Product Name:** Vitamin C (L-ascorbyl palmitate)  
**INCI Name:** L-ascorbyl palmitate  
**CAS Number:** 137-66-6  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Expiration Date:** 24 months from production date

Property	Specification	Analysis
Appearance	White to yellowish powder	Conforms
Assay	95.00-100.50%	99.10%
Identification	BP2018	+22.5°
Melting Point	107-117°C	114.2-114.7°C
Specific Rotation	+21.00° ~+24.00°	+22.9°
Color of Solution	≤BY4	<BY4
Heavy Metals	≤10 ppm	<0.1 mg/kg
Arsenic	≤1 ppm	<0.5 mg/kg
Cadmium	≤1 ppm	<0.5 mg/kg
Lead	≤2 ppm	<0.1 mg/kg
Mercury	≤0.1 ppm	<0.1 mg/kg
Residual Solvents - Acetone	≤0.50%	<0.05%
Loss on Drying	≤2.00%	0.08%
Residue on Ignition	≤0.10%	0.04%
Total Plate Count	≤1000 CFU/g	<100 CFU/g
Molds & Yeasts	≤100 CFU/g	<10 CFU/g
Coliforms	Negative	Negative
E. Coli	Negative	Negative
Staph. Aureaus	Negative	Negative
Salmonella	Negative	Negative

“Certified in compliance with the terms of the US-Canada Organic Equivalency Arrangement. The above data was obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed. All data are as per our supplier.

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