



Certificate of Analysis

Product Name: Vitamin C (Ascorbic palmitate) **Batch Number:** Check Product package

INCI Name: Ascorbyl palmitate **Expiration Date:** October 2027

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

The above data were 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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