



318 Half Day Rd, PMB 348, Buffalo Grove, IL 60089

Specification Sheet

Product : L-Ascorbic acid (Vitamin C Powder)

Description	Specifications	
	Min	Max
Characteristics	White or almost White Crystals/Crystalline Powder	
Identification	Positive reaction	
Melting Point, °C	About 190	
pH, with 2% water solution	2.4	2.8
pH, with 5% water solution	2.1	2.6
Clarity of Solution	Clear	
Color of Solution	≤BY ₇	
Copper, ppm	≤5	
Heavy Metals, ppm	≤10	
Mercury, ppm	≤0.1	
Lead, ppm	≤0.25	
Arsenic, ppm	≤1	
Oxalic Acid, %	≤0.2	
Iron, ppm	≤2	
Cadmium Cd, ppm	<1	
Impurity E, %	≤0.2	
Loss of Drying, %	≤0.4	
Sulphate Ash, Residue on Ignition, %	≤0.1	
Specific Optical Rotation	20.5°	21.5°
Residual Solvents	Pass	

Assay, %	99.00	100.5
Total Plate Count, cfu/g	100 max	
E. coli	Negative	
Yeast and Mold, cfu/g	100 max	
Pseudomonas	Negative	
Staphylococcus	Negative	
Salmonella	Negative	
Conclusion	The above mentioned product conforms to BP2016/USP39/FCCVIII/E300	

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