

Product Specification Sheet

Product Name: Ascorbic Acid Plain

HS Code: 29362700

Country of Origin: India

Product Description:

Coated Ascorbic Acid 99.0% is a white or almost white fine granular powder.

Product Specification:

Sr No.	Parameters	Specification
1	Description	Colorless crystals or White to pale yellow crystalline powder odorless.
2	Solubility	Freely soluble in water, sparingly soluble in ethanol (95%), insoluble in chloroform, in ether, and in benzene.
3	Identification	Test A may be omitted if tests B, C and D are carried out. Tests C and D may be omitted if tests A and B are carried out.
4	pH (5.0% w/v Solution)	Between 2.2 and 2.5
5	Clarity and Color of solution	A 5.0% w/v solution in carbon dioxide free water is clear, and not more intensely colored than reference solution BYS7.
6	Specific Optical Rotation (10% w/v solution)	Between +20.5° and +21.5°
7	Light absorption	Absorbance of a 0.001% w/v solution in 0.01M hydrochloric acid at the maximum at about 244 nm, about 0.56
8	Oxalic Acid	NMT 0.3%
9	Heavy Metal	NMT 20ppm
10	Black Particles (10% w/v solution)	Should be nil
11	Sulphated Ash	NMT 0.1%
12	Assay	Between 99.0 and 100.5 % of C ₆ H ₈ O ₆

Product Shelf Life: 4 Years from the date of Manufacturing

Packing: 50 kg Standard Drum

Applications of Ascorbic Acid Plain

- Food & Animal feed additives