

**PRODUCT DESCRIPTION:** Ascorbic Acid is a white or slightly yellow crystals or powder, a little acid.m.p.190°C-192°C, easily soluble in water, a little soluble in alcohol and uneasily soluble in Ether and chloroform and other organic solvent.

**Product Name:** Ascorbic Acid

**CAS No:** 50-81-7

**E No:** E300

### Product Specification

ITEM	STANDARD
Appearance	White or almost white crystal or crystalline powder
Identification	Positive
Melting point	191 °C ~ 192°C
pH (5%, w/v)	2.2 ~ 2.5
pH (2%,w/v)	2.4 ~ 2.8
Specific optical rotation	+20.5° ~ +21.5°
Clarity of solution	Clear
Heavy metals	=<0.0003%
Assay (as C 6H 8O6, %)	99.0 ~ 100.5
Copper	=<3 mg/kg
Iron	=<2 mg/kg
Mercury	=<1 mg/kg
Arsenic	=<2 mg/kg
Lead	=<2 mg/kg
Oxalic acid	=<0.2%
Loss on drying	=<0.1%
Sulphated ash	=< 0.1%
Residual solvents (as methanol)	=< 500 mg/kg
Total plate count (cfu/g)	=< 1000
Yeasts & molds (cfu/g)	=< 100
Escherichia. Coli/g	Absence
Salmonella/ 25g	Absence
Staphylococcus aureus/ 25g	Absence

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