



北京泛亚博科商贸有限公司

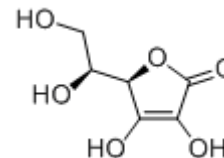
Freebarque Development Group Limited

Rm.1-B-602, Lingdi Office, No.13 Beiyuan Road,
Chaoyang District, Beijing 100012, China.

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Technical Data Sheet

Chemical Name: L-Ascorbic Acid
Synonyms: Antiscorbic vitamin
Molecular Formula: $C_6H_8O_6$
Molecular Weight: 176.12
CAS Number: 50-81-7
EINECS Number: 200-066-2



Properties: The product is white crystals, with the solubility in water is 330g/L. Its melting point is 190-192, boiling point is 553, vapor pressure is $2E-14(25C)$, the density is $1.694g/cm^3$.

Quality Standards: BP2008/USP31/E300/FCCV

<u>Items</u>	<u>Specification</u>
Characteristics	White or Almost White Crystals Crystalline Powder
Identification	Positive Reaction
Melting Point	About 190°C
PH	2.1-2.6
Clarity of Solution	Clear
Color of Solution	≤BY ₇
Copper	≤5ppm
Heavy Metals	≤10ppm
Mercury	<0.1mg/kg
Lead	<2mg/kg
Arsenic	≤3ppm
Cadmium	<1mg/kg
Oxalic Acid	≤0.2%
Iron	≤2ppm
Loss of Drying	≤0.4%
Sulphate Ash(Residue on Ignition)	≤0.1%
Specific Optical Rotation	+20.5°~+21.5°
Mesh	40-80Mesh
Organic Volatile Impurities	Pass
Assay	99%-100.5%



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Package:	In 25kg cartons.
Usage:	Used in food production.
Storage:	Store in a cool, dry, well- ventilated area away from incompatible substances. Do not expose to air. Store protected from light. Store under an insert atmosphere.
Shelf Life:	Two years.