



# 郑州拓洋实业有限公司

ZHENGZHOU TUOYANG INDUSTRIAL CO., LTD

电话(TEL):0086-371-67990267 传真(FAX):0086-371-67990270

## SPECIFICATION SHEET

**PRODUCT NAME:** Ascorbic acid

**CAS #:**50-81-7

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Item	Specification	Test Method
Appearance	White, crystalline powder or granules	Visual
Assay	99.0~100.5%	Iodometry
Clarity&Color of Solution	Clear	Clarity instrument
Identification	Positive reaction	Silver nitrate test
Specific rotation	+20.5° ~ +21.5°	Polarimeter
Residue on ignition	0.1% Max.	Muffle furnace test
Heavy metals	10 ppm max.	Colorimetry
Copper	5 ppm max.	AAS
Mercury	1 ppm max.	AAS
Arsenic	2 ppm max.	AFS
Iron	2 ppm max.	AAS
Lead	2 ppm max.	AAS
pH	2.2~2.6	PH meter
Cadmium	1 ppm max.	AAS
Color of solution	Not more than BY7	Colorimetry
Oxalic acid	0.2% max.	Oxalic acid test
Organic volatile impurities	Meet the requirements	LC
Staphylococcus Aureus	Negative	CP
Total plate count (cfu/g)	1000 max.	CP
Yeast and Mold (cfu/g)	100 max.	CP
Coliforms(cfu/g)	Negative	CP
E.Coli	Negative	CP



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Salmonella	Negative	CP
Loss on drying	0.1% max.	OVEN METHOD
Melting ranges	190~192°C	Melting point apparatus
Mesh size	~100% thru 100mesh	Mesh screen

Shelf life: 2YEARS

Country of origin: China

Starting material: Sorbitol

Composition: Ascorbic Acid 100%, no carrier.

Residual solvent: Methanol <= 3000ppm

Standard: USP

**Storage: it must be stored in the warehouse of ventilation, dry and shady and cool, and can not be mixed with poisonous. The temperature must be not higher than 30°C.**