

## Ascorbic Acid USP

### Product Characteristics

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Appearance	White or almost white crystalline powder
Country of origin	China
Shelf life	3 years when properly stored

### Physical Profile

### Specification

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Identification A & B	Complies
Melting point	About 190°C
Specific optical rotation	+20.5° to +21.5°
pH	2.1 – 2.6
Residue on ignition	≤ 0.1%
Assay	99.0 – 100.5%
Heavy metals	≤ 20 ppm
Clarity of solution	Clear
Color of solution	≤ BY <sub>7</sub>
Impurity E	≤ 0.2%
Copper	≤ 5 ppm
Iron	≤ 2 ppm

### Storage

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Store in tight containers, protected from light, moisture and heat.