

Product Name: Ascorbic Acid

CAS number: 50-81-7

## CHARACTERISTIC

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Solubity

Identification

Melting point

Loss on drying

Specific rotation

pH, 2% water solution

pH, 5% water solution

Sulphate ash(Residue on ignition)

Assay

Heavy metals

Mercury

Lead

Arsenic

Oxalic acid

Cadmium

Clarity of solution

Color of solution

Impurity E

Copper

Iron

Residual solvents

## SPECIFICATION

White or almost white crystalline powder

Easily soluble in water

Positive reaction

About 190°C

≤0.4%

+20.5° to +21.5°

2.4-2.8

2.1-2.6

≤0.1%

99.0%-100.5%

≤10ppm

≤0.1mg/kg

≤0.4mg/kg

≤1ppm

≤0.2%

≤1mg/kg

Clear

≤BY<sub>7</sub>

≤0.2%

≤5ppm

≤2ppm

Pass