



# Product Specification

## Product Name: L-ASCORBIC ACID LR

Alternate Name(s) Vitamin C; Ascorbic acid.

### Description

White crystals (plates or needles) with a pleasant sharp acidic taste.

### Properties

Chemical Formula:

Molecular Weight: 176.12

Product Code: AL022

CAS No. 50-81-7

### General Information:

Soluble in water; slightly soluble in alcohol; insoluble in ether, chloroform, benzene, petroleum ether, oils and fats. Stable in air when dry.

### Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH3I

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: None Allocated

### Quality Specification

Assay: 99.0% min.

### Specific Properties and Impurities [Typical levels]:

Specific rotation	+20.5 - +21.5°
Residue on ignition	≤ 0.1%
Heavy metals	≤ 0.001%
Copper (Cu)	≤ 0.0005%
Iron (Fe)	≤ 0.0002%

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