Product Specification

Product Name: L-ASCORBIC ACID AR

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

General Information:

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

Product Code: AA022

CAS No. 50-81-7

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 - 100.5%

Specific Properties and Impurities [Typical levels]:

pH of 5% solution @ 20°C	2.1-2.6
Heavy metals (as Pb)	≤ 0.001%
Residue after ignition	≤ 0.1%
Specific Rotation	+21°± 0.5°
Copper (Cu)	≤ 0.0005%
Iron (Fe)	≤ 0.0002%
Lead (Pb)	≤ 0.0002%

CONFORMS TO ACS

Chem-Supply Pty Ltd - An ISO 9001 Accredited Company

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