

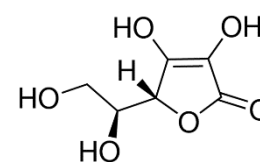


# Product Specification

cdhfinechemical.com

## L-ASCORBIC ACID FOR BIOCHEMISTRY

PRODUCT CODE	012625
SYNONYMS	vitamin C
C.I. NO.	—
CASR NO.	(50-81-7)
ATOMIC OR MOLECULAR FORMULA	C <sub>6</sub> H <sub>8</sub> O <sub>6</sub>
ATOMIC OR MOLECULAR WEIGHT	176.13
PROPERTIES	Light sensitive.



### PARAMETER LIMIT

Description	Almost white to pale yellow to brown crystalline powder.
Solubility	10% solution in water is clear and almost colourless.
Identification	Passes test
Minimum Assay (Iodometric)	99.0%
Specific Optical rotation (a) $\frac{20}{D}$ (C=10%, in water at 20°C)	+20.5 <sup>0</sup> to +21.5 <sup>0</sup>

### MAXIMUM LIMIT OF IMPURITIES

Residue on ignition	0.1%
Iron (Fe)	0.001%
Heavy Metals (as Pb)	0.001%

**Note(s): Assay (if applicable) method mentioned.**

**2) Protected from light**

#### WARNING

**Hazard statements:** May be harmful if swallowed.

**Precautionary statements**

**Prevention:** -----

**Response:** IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

**Disposal:** Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

Hazard Pictogram(s) :-

IMDG Code :

UN No. :

IATA :

Replace Date-1-June-2023