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## L-Ascorbic acid

**CMS040**

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### Product Identifier

CAS No.	:	50-81-7
EC No.	:	200-066-2
Molecular Formula	:	C <sub>6</sub> H <sub>8</sub> O <sub>6</sub>
Molecular Weight	:	176.12
Synonym	:	Vitamin C
HS Code	:	2936 27 00
Storage	:	Below 30°C
Shelf life	:	3 years

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### Technical Specification

Appearance	:	White to pale yellow crystals or powder or solid
Solubility	:	100 mg soluble in 1 mL of water
FTIR	:	Matches with the standard pattern.
Specific rotation	:	+19.0° to +23.0°(c = 10% in H <sub>2</sub> O at 25°C)
Melting range	:	190 - 194°C (dec.)
Assay (Iodimetry)	:	99.00 - 101.50%

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### Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	CI7650000
WGK	:	1