
L-Ascorbic acid, Hi-AR[™]/ACS

CMS1014

Product Identifier

CAS No.	:	50-81-7
EC No.	:	200-066-2
Molecular Formula	:	C ₆ H ₈ O ₆
Molecular Weight	:	176.12
Synonym	:	Vitamin C, Hi-AR [™] /ACS
HS Code	:	2936 27 00
Storage	:	Below 30°C
Shelf life	:	3 years

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	:	+ 20.5° to +21.5°(c = 10% in H ₂ O at 25°C)
Heavy metals (as Pb)	:	<= 0.002%
Iron (Fe)	:	<= 0.001%
Residue on ignition	:	<= 0.1%
Assay (Iodimetry)	:	min. 99.00%

Safety Information

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