



Specification for Ascorbic Acid, Crystalline Powder, USP (AS105)

Item Number	AS105
Item	Ascorbic Acid, Crystalline Powder, USP
CAS Number	50-81-7
Molecular Formula	C ₆ H ₈ O ₆
Molecular Weight	176.13
MDL Number	
Synonyms	Vitamin C ; L-Ascorbic Acid

Test	Specification	
	Min	Max
ASSAY	99.0	100.5%
SPECIFIC ROTATION [a] _D	+20.5° to +21.5°	
RESIDUE ON IGNITION		0.1%
ELEMENTAL IMPURITIES:		
CADMIUM (Cd)		AS REPORTED
LEAD (Pb)		AS REPORTED
ARSENIC (As)		AS REPORTED
MERCURY (Hg)		AS REPORTED
IDENTIFICATION (A)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	REDUCES ALKALINE CUPRIC TARTRATES	
CERTIFIED KOSHER		
CERTIFIED HALAL		
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS		AS REPORTED
CLASS 2 (SOLVENT) / METHANOL		
MONOGRAPH EDITION		

Spectrum Chemical Mfg Corp

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