



Specification for Sodium Ascorbate, USP, bioCERTIFIED (TM) (SO905)

Item Number	SO905
Item	Sodium Ascorbate, USP, bioCERTIFIED (TM)
CAS Number	134-03-2
Molecular Formula	$C_6H_7NaO_6$
Molecular Weight	198.11
MDL Number	
Synonyms	Vitamin C Sodium ; Ascorbic Acid Sodium Salt ; Monosodium L-Ascorbate

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (DRIED BASIS)	99.0	101.0 %
CONTENT OF SODIUM	11.1	12.1 %
pH OF A 10% SOLUTION	7.0	8.0
SPECIFIC ROTATION, [α] _{D25}	+103° to +108°	
LOSS ON DRYING		0.25 %
ELEMENTAL IMPURITIES	AS REPORTED	
MICROBIAL LIMITS:		
BACTERIAL ENDOTOXINS		2.5 EU/g
TAMC		1000 CFU/g
TYMC		100 CFU/g
IDENTIFICATION A (FTIR)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	RETENTION TIME CORRESPONDS TO STANDARD	
IDENTIFICATION (C)	CHARACTERISTIC EMISSION LINES FOR SODIUM AT 330.2, 589.0, AND 589.6 NM OF THE SAMPLE SOLUTION CORRESPOND TO STANDARD	
EXPIRATION DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS	AS REPORTED	

Spectrum Chemical Mfg Corp

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