

Item Number	C1764
Item	Calcium Ascorbate, Dihydrate, USP
CAS Number	5743-28-2
Molecular Formula	C <sub>12</sub> H <sub>14</sub> CaO <sub>12</sub> •2H <sub>2</sub> O
Molecular Weight	426.34
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
ASSAY	98.0	101.0 %
SPECIFIC ROTATION [α] <sub>D</sub>	+95° to +97°	
pH OF A 1 IN 10 SOLUTION	6.8	7.4
LOSS ON DRYING		0.1 %
ARSENIC (As)		3 µg/g
FLUORIDE		10 ppm
ELEMENTAL IMPURITIES:		
LEAD (Pb)	AS REPORTED	
IDENTIFICATION (A)	POSITIVE FOR CALCIUM	
IDENTIFICATION (B)	DECOLORIZES DICHLOROPHENOL- INDOPHENOL	
IDENTIFICATION C (FTIR)	SPECTRUM MATCHES REFERENCE	
APPEARANCE		
EXPIRATION DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS	AS REPORTED	

***Spectrum Chemical Mfg Corp***

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