



Specification for Calcium Saccharate, Tetrahydrate, USP (C1830)

Item Number	C1830
Item	Calcium Saccharate, Tetrahydrate, USP
CAS Number	5793-89-5
Molecular Formula	$C_6H_8CaO_8 \cdot 4H_2O$
Molecular Weight	320.26
MDL Number	
Synonyms	D-Glucaric Acid Calcium Salt (1:1) ; Saccharated Lime ; Calcium D-Saccharate ; Calcium D-Glucarate

Test	Specification	
	Min	Max
ASSAY	98.5	102.0 %
SPECIFIC ROTATION $[a]_D$	+18.5° to +22.5°	
CHLORIDE (Cl)		0.07 %
SULFATE (SO ₄)		0.12 %
ELEMENTAL IMPURITIES	AS REPORTED	
SUCROSE AND REDUCING SUGARS	NO RED PRECIPITATE	
IDENTIFICATION (A)	POSITIVE FOR CALCIUM	
IDENTIFICATION (B)	SPECTRUM MATCHE REFERENCE	
CERTIFIED HALAL		
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS	AS REPORTED	

Spectrum Chemical Mfg Corp

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