

Item Number	S1695
Item	Sucrose, Crystal, Reagent, ACS
CAS Number	57-50-1
Molecular Formula	C ₁₂ H ₂₂ O ₁₁
Molecular Weight	342.30
MDL Number	
Synonyms	β-D-Fructofuranosyl-?-D-glucopyranoside ; Cane Sugar

Test	Specification	
	Min	Max
SPECIFIC ROTATION [a] _D	+66.3° to +66.8°	
INSOLUBLE MATTER		0.005%
LOSS ON DRYING @ 105 C		0.03%
RESIDUE AFTER IGNITION		0.01%
TITRATABLE ACID		0.0008 meq/g
CHLORIDE (Cl)		0.005%
SULFATE AND SULFITE (as SO ₄)		0.005%
HEAVY METALS (as Pb)		5 ppm
IRON (Fe)		5 ppm
INVERT SUGAR		0.05%

Spectrum Chemical Mfg Corp

Corporate Headquarters:	West Coast Facility:
769 Jersey Ave.	14422 S. San Pedro St.
New Brunswick, NJ 08901	Gardena, CA 90248
732.214.1300	310.516.8000