



Product Specification

cdhfinechemical.com

SODIUM GLUCONATE FOR SYNTHESIS

PRODUCT CODE	030144	
SYNONYMS	D-Gluconic acid monosodium salt, Mono sodium D-Gluconate	
C.I. NO.	--	
CASR NO.	(527-07-1)	
ATOMIC OR MOLECULAR FORMULA	C₆H₁₁NaO₇	C₆H₁₁NaO₇
ATOMIC OR MOLECULAR WEIGHT	218.14	
PROPERTIES	Sparingly soluble in alcohol.	
PARAMETER	LIMIT	
Description	White or almost white granular to fine crystalline powder .	
Solubility	10% solution in water is clear and complete.	
Identification(A & B)	Passes test.	
Assay (Non-aqueous)	99.0%	
pH of (10% soln. in water)	5.5 - 7.5	
Specific rotation $[\alpha]_D^{20}$ (C=10, in water)	+11.5° to +12.5°	
MAXIMUM LIMIT OF IMPURITIES		
Reducing subs.	0.5%	
Loss on drying (105°C)	0.5%	
Chloride (Cl)	0.02%	
Sulphate (SO ₄)	0.02%	
Lead (Pb)	0.001%	
Heavy metal (as Pb)	0.002%	
Note(s) : 1.) Assay (if applicable) method mentioned. 2.) Store in well - closed containers.		
WARNING Hazard statements : Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ---		IMDG Code : UN No. : IATA :
Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.		
Hazard Pictogram(s) :--		