



Product Specification

cdhfinechemical.com

TRI SODIUM CITRATE FOR MOLECULAR BIOLOGY

PRODUCT CODE	985400
SYNONYMS	--
C.I. NO.	--
CASR NO.	(6132-04-3)
ATOMIC OR MOLECULAR FORMULA	$C_6H_5Na_3O_7 \cdot 2H_2O$
ATOMIC OR MOLECULAR WEIGHT	294.10
PROPERTIES	---
PARAMETER	LIMIT
Description	A white crystalline powder or white granular crystals, or colourless crystals, slightly deliquescent in nature.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Calculated w.r.t. anhydrous sub. Non aqueous)	99.50%
pH (5% soln. in water)	7.5 – 9.0
MAXIMUM LIMIT OF IMPURITIES	
Absorption of 0.1 M Soln. at λ 260 nm	0.01
Absorption of 0.1 M Soln. at λ 280 nm	0.01
Insoluble matter	0.003%
Chloride (Cl)	0.001%
Sulphate (SO ₄)	0.005%
Iron (Fe)	0.005%
Lead (Pb)	0.0005%
Dnase, Rnases, Proteases, Phosphatases	None detected.
Note(s) : Assay (if applicable) method mentioned.	
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) :--	

Replace date 25-July-2026