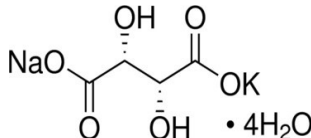



ETHYLENE-DIAMINE TETRA ACETIC ACID DISODIUM SALT FOR MOLECULAR BIOLOGY

PRODUCT CODE	R01184	
SYNONYMS	(EDTA disodium salt)	
C.I. NO.	--	
CASR NO.	(6381 -92-6)	
ATOMIC OR MOLECULARFORMULA	$C_{10}H_{14}N_2O_8Na_2 \cdot 2H_2O$	
ATOMIC OR MOLECULARWEIGHT	372.24	
PROPERTIES	--	
PARAMETER	LIMIT	
Description	A white crystalline powder.	
Solubility	5% solution in water is clear and colourless.	
Minimum Assay	99.5%	
(Complexometric)		
pH of (5% solution in water)	4.3 - 4.7	
MAXIMUM LIMIT OF IMPURITIES		
Abs. of 0.1 M aq. soln.		
at 260 nm	0.20	
280 nm	0.02	
Loss on drying(at 150°C,for 6 hrs.)	9 – 10%	
Insolubles in water	0.005%	
Nitrilotriacetic acid	0.025%	
Chloride (Cl)	0.004%	
Sulphate (SO ₄)	0.02%	
Lead (Pb)	0.0005%	
Iron (Fe)	0.001%	
DNase, RNase, Protease & Phosphatases	None detected.	
Note(s) : Assay (if applicable) method mentioned		
WARNING Hazard statements: Harmful if swallowed. Causes skin irritation. Causes serious eye irritation Precautionary statements Prevention: Wash hands thoroughly after handling. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. Wear eye/face protection. If skin irritation occurs, seek medical advice/attention. IF ON SKIN: Gently wash with plenty of soap and water. Specific treatment: refer to Label or MSDS. Remove/Take off immediately all contaminated clothing. Wash/Decontaminate removed clothing before reuse.		IMDG Code : UN No. : IATA :
Disposal: Dispose of contents and container in accordance with relevant legislation.		
Hazard Pictogram(s) :		
 <p>GHS05 GHS07</p>		

Replace Date 1 April 2023

Hazard Pictogram(s) :-

