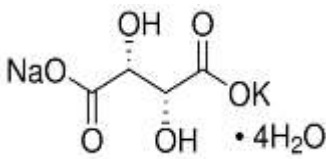


## ETHYLENE-DIAMINE TETRA ACETIC ACID DISODIUM SALT FOR MOLECULAR BIOLOGY

<b>PRODUCT CODE</b>	<b>932500</b>	
<b>SYNONYMS</b>	(EDTA disodium salt)	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	(6381 -92-6)	
<b>ATOMIC OR MOLECULAR FORMULA</b>	$C_{10}H_{14}N_2O_8Na_2 \cdot 2H_2O$	
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>372.24</b>	
<b>PROPERTIES</b>	--	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	A white crystalline powder.	
Solubility	5% solution in water is clear and colourless.	
Minimum Assay (Complexometric)	99.5%	
pH of (5% solution in water)	4.3 - 4.7	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
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%	
Nitritotriacetic acid	0.025%	
Chloride (Cl)	0.004%	
Sulphate (SO <sub>4</sub> )	0.02%	
Lead (Pb)	0.0005%	
Iron (Fe)	0.001%	
DNase, RNase, Protease & Phosphatases	None detected.	
<b>Note(s) : Assay (if applicable) method mentioned</b>		
<b>WARNING</b> <b>Hazard statements:</b> Harmful if swallowed. Causes skin irritation. Causes serious eye irritation <b>Precautionary statements</b> <b>Prevention:</b> Wash hands thoroughly after handling. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. <b>Response:</b> IFIN 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 :



# Product Specification

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**Disposal:** Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :



GHS07