




## ETHYLENE DIAMINE TETRA ACETIC ACID

### DISODIUM SALT AR/ACS

MEETS ANALYTICAL SPECIFICATION OF IP, BP, USP, PH. EUR.

PRODUCT CODE	R03040	
SYNONYMS	(EDTA disodium salt)	
C.I. NO.	--	
CASR NO.	(6381 -92-6)	
ATOMIC OR MOLECULAR FORMULA	$C_{10}H_{14}O_8Na_2N_2 \cdot 2H_2O$	
ATOMIC OR MOLECULAR WEIGHT	372.24	
PROPERTIES	---	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	A Fine white crystalline powder.	
Solubility	5% solution in water is clear and colourless.	
Identification	To pass the test.	
Minimum assay (Complexometric)	99.50%	
pH (5% solution in water.)	4.3 - 4.7	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Loss on drying (at 150°C, for 6 hrs.)	8.7 – 11.4%	
Insoluble matter	0.003%	
Chloride (Cl)	0.004%	
Nitritotriacetate	0.025%	
Sulphate (SO <sub>4</sub> )	0.02%	
Calcium (Ca)	Passes test	
Copper (Cu)	0.0001%	
Iron (Fe)	0.001%	
Lead (Pb)	0.0005%	
<b>Note(s) : Assay (if applicable) method mentioned.</b>		
<b>WARNING</b>	<p><b>Hazard statements :</b> Harmful if swallowed. May cause allergic skin reaction. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.</p> <p><b>Precautionary statements</b>  <b>Prevention:</b> Wash hands thoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours /spray. Do not eat, drink or smoke when using this product. Contaminated clothing should not be allowed out of the workplace.  <b>Response:</b> If skin irritation or rash occurs, seek medical advice/attention. Get medical advice/attention if you feel unwell. IF ON SKIN: Gently wash with plenty of soap and water. Specific treatment: refer to Label or MSDS. Wash contaminated clothing before reuse.</p>	
	IMDG Code : UN No. : IATA :	
<b>Disposal:</b> Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company. The waste chemical should be buried on a stage approved site .The liquids should be absorbed on sand.		
<b>Hazard Pictogram(s)</b>		
 GHS08		

Replace Date 1 April 2023

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