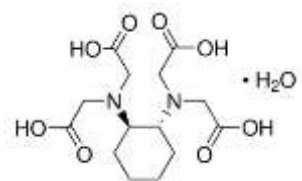



TRANS-1,2 DIAMINO CYCLOHEXANE N,N,N,N TETRA ACETIC ACID (CDTA) AR/ACS

PRODUCT CODE	506905	
SYNONYMS	(1,2-cyclohexanediamine tetraacetic acid; CDTA)	
C.I. NO.	--	
CASR NO.	(125572-95-4)	
ATOMIC OR MOLECULAR FORMULA	$C_{14}H_{22}N_2O_8 \cdot H_2O$	
ATOMIC OR MOLECULAR WEIGHT	364.35	
PROPERTIES	Very slightly soluble in water and insoluble in most common organic solvents.	
PARAMETER	LIMIT	
Description	A white crystalline powder.	
Solubility	4 gm sample in 50 ml of 1 N NaOH and 50 ml of water; solution is clear and colourless.	
Minimum Assay (Complexometric)	99.0%	
MAXIMUM LIMIT OF IMPURITIES		
Water	4.8 - 5.6%	
Chloride (Cl)	0.01%	
Sulphated ash	0.1%	
Sulphate (SO ₄)	0.01%	
Heavy metal (Pb)	0.001%	
Iron (Fe)	0.001%	
Note(s): 1] Assay (if applicable) method mentioned.		
WARNING Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. Precautionary statements Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention. Disposal: 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.		IMDG Code : UN No. : IATA :
Hazard Pictogram(s) : <div style="text-align: center;">  GHS07 </div>		