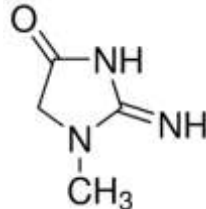


CREATININE AR FOR DETERMINATION OF CREATINE IN BLOOD

PRODUCT CODE	498400	
SYNONYMS	(2-Amino-1-methyl-2-imidazolin-4-one;2-Imino-N-methylhydantion)	
C.I. NO.	--	
CASR NO.	(60-27-5)	
ATOMIC OR MOLECULAR FORMULA	C₄H₇N₃O	
ATOMIC OR MOLECULAR WEIGHT	113.12	
PROPERTIES	Slightly soluble in water , alcohol, benzene , chloroform, ether , acetic acid.	
PARAMETER	LIMIT	
Description	White crystalline powder.	
Solubility	5% solution in water is clear and colourless.	
Identification (By FTIR)	Conforms	
Minimum Assay (Non-aqueous. cal .on dried-basis)	99.5%	
Melting point(Decomposition)	250 – 275°C	
pH of (5% solution in water)	7 - 9	
MAXIMUM LIMIT OF IMPURITIES		
Sulphated ash	0.1%	
Loss on drying (at 105°C for 3hrs.)	0.5%	
Chloride (Cl)	0.1%	
Sulphate (SO ₄)	0.001%	
Heavy metals (as Pb)	0.001%	
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. The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.		
Hazard Pictogram(s) :--		

Replace date 16-Jan-2023