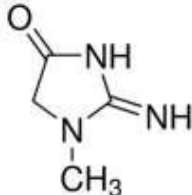




CREATININE AR	
FOR DETERMINATION OF CREATINE IN BLOOD	
PRODUCT CODE	R01765
SYNONYMS	(2-Amino-1-methyl-2-imidazolin-4-one;2-Imino-N-methylhydantion)
C.I. NO.	--
CASR NO.	(60-27-5)
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₇ N ₃ O
ATOMIC OR MOLECULAR WEIGHT	113.12
PROPERTIES	Slightly soluble in water , alcohol, 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 hazarous. 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 combustibile solvent and burnt in a chemical incinerator equipped with burner and scrubber.	
Hazard Pictogram(s) :--	
 GHS05	 GHS07

replace Date 1 April 2023

: Regd Office, 201,MM Nagar, Ahmedabad (Gujarat)

Email: rehsiffscientific@gmail.com, www.rehsiffscientific.com



ISO 9001:2008 Co.



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