

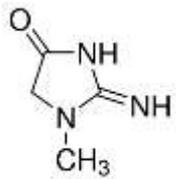


Product Specification

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CREATININE PURE

PRODUCT CODE	037049
SYNONYMS	(2-Amino-1-methyl-2-imidazolin-4-one;2-Imino-N-methylhydantoin)
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)	99.0%
pH (of 5% solution in water)	7 - 9

MAXIMUM LIMIT OF IMPURITIES	
Loss on drying (at 105°C)	1.0 %
Sulphated Ash	0.2%
Chloride (Cl)	0.2%
Sulphate (SO ₄)	0.01%
Lead (Pb)	0.001%

Note(s) : Assay (if applicable) method mentioned.

WARNING	IMDG Code :
Hazard statements: Not hazardous. No hazards.	UN No. :
Precautionary statements	IATA :
Prevention: ----	
Response:	

Disposal:

Hazard Pictogram(s) :-

Replace Date 18-Nov.-2020