



Specification

Creatinine

Catalog Number: CM1002
CAS Number: 60-27-5
Synonyms: 2-Imino-N-methylhydantoin
Molecular Formula: C₄H₇N₃O
Molecular Weight: 113.12

Test	Specification
Description:	White crystalline powder
Identification (IR):	To pass test
Loss on drying @105 °C:	3.0% maximum
Residue on Ignition:	0.2 % maximum
Assay (on dried substance):	98.5% – 102.0 %
Heavy Metals (as Pb):	0.001% maximum
Appearance of solution (5% aqueous solution):	Clear and colorless
Melting Point:	~ 266 deg. C
Water (K.F.):	< 0.5 %

Approved:

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