



CERTIFICATE OF ANALYSIS

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1. Identification

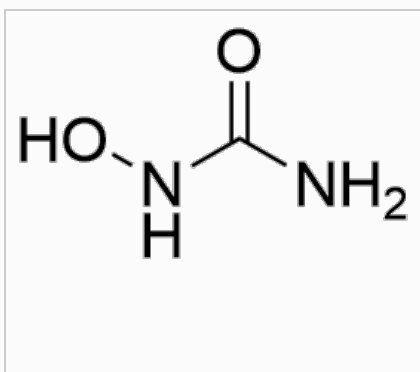
Catalogue Number: H991000

CAS Number: 127-07-1

Product: Hydroxy Urea

Synonym: N-Hydroxyurea; Biosuppressin; Carbamohydroxamic Acid; Carbamoyl Oxime; Cytodrox; Droxia; HU; Hidrix; Hydrea; Hydrea; Hydroxycarbamide; Hydroxycarbamine; N-(Aminocarbonyl)hydroxylamine; Hydroxylurea; Hydura; Hydurea; Litaler; Litalir; N-Carbamoylhydroxylamine; NCI C04831; NSC 32065; Oxyurea; SK 22591; SQ 1089;

Structure:



Molecular Formula:

CH₄N₂O₂

Molecular weight:

76.05

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Water (Slightly)

Lot Number: 3-YM-20-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 16.13, %H: 5.02, %N: 36.63
MS	Conforms to Structure	Conforms
HPLC Purity	>95%	99.42% (ELSD)

Additional Information: Elemental Analysis: (Theoretical) %C: 15.79, %H: 5.30, %N: 36.83

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Hanxiang Li	Toni Rantanen	Xhoana Gjergji	10/7/2020	10/5/2030
				