

Certificate of Analysis

Hydroxyurea

Cat. No.: HY-B0313 CAS No.: 127-07-1 Batch No.: 11938

Chemical Name: Urea, N-hydroxy-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $CH_4N_2O_2$ Molecular Weight: 76.05

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$H_2N$$
 N
 N
 H

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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