Certificate of Analysis

N-Nitroso-N-methylurea

 Cat. No.:
 HY-34758

 CAS No.:
 684-93-5

 Batch No.:
 117997

Chemical Name: Urea, N-methyl-N-nitroso-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_2H_5N_3O_2$ Molecular Weight: 103.08

Storage: -20°C, protect from light, stored under nitrogen

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

Chemical Structure:

$$O$$
 N
 N
 N
 N
 N
 N

ANALYTICAL DATA

Appearance: Off-white to light brown (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

Stabilizer: stabilized 0.05% H2SO4,about 10% water content

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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