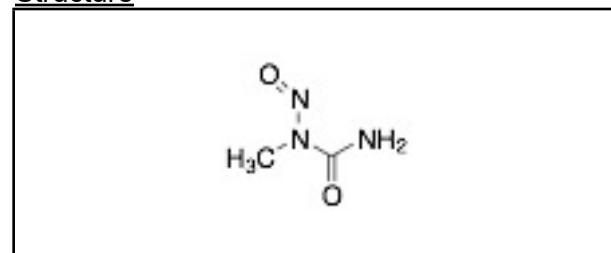


# CERTIFICATE OF ANALYSIS

## 1. Identification

<u>Catalogue Number</u>	<u>Lot Number</u>	<u>Structure</u>
M325815	711946899-1-1	
<u>Product Name</u>	N-Methyl-N-nitroso Urea (Wetted with water >20%)	
<u>Synonyms</u>	1-Methyl-1-nitrosourea; MNU	
<u>CAS Number</u>	<u>Solubility</u>	<u>Shipping Condition</u>
684-93-5	DMSO (Sparingly), Methanol (Slightly)	This Product Is Stable To Be Shipped With Blue Ice
<u>Molecular Formula</u>	<u>Source of Product</u>	<u>Long Term Storage Conditions</u>
C <sub>2</sub> H <sub>5</sub> N <sub>3</sub> O <sub>2</sub>	N/A	-20°C
<u>Molecular Weight</u>	<u>Purity</u>	
103.08	98%	

## 2. Warnings

Explosive When Dry, Shock Sensitive, Temperature Sensitive

## 3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Off-White to Pale Beige Solid	Pale Yellow to Pale Beige Solid
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.84% (235 nm)
Water Content	Report Result	21.6% by Karl Fischer

## Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . 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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
 swathi reddy Product Quality Specialist	 Toni Rantanen Manager, Quality Assurance	 Chanell Chu Quality Assurance Associate	2/15/2024	2/13/2028