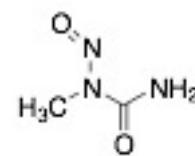


CERTIFICATE OF ANALYSIS**1. Identification**

Catalogue Number M325815 Lot Number 19-RCD-65-1

Product Name
N-Methyl-N-nitroso Urea (Wetted with water >20%)

Structure

Synonyms
1-Methyl-1-nitrosourea; MNU

CAS Number 684-93-5 Solubility DMSO (Slightly), Methanol (Slightly)

Shipping Condition
This Product Is Stable To Be Shipped With Blue Ice

Molecular Formula C₂H₅N₃O₂ Source of Product Synthetic

Long Term Storage Conditions
-20°C

Molecular Weight 103.08 Purity >95%

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	Off-White to Pale Beige Solid
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
HPLC Purity	>95%	99.48% (235 nm)
Water Content	Report Result	21.1% 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> 4/22/2024	<u>Retest Date</u> 4/20/2028
Sarjeet Kaur Product Quality Specialist	Toni Rantanen Manager, Quality Assurance	Chanell Chu Quality Assurance Associate		