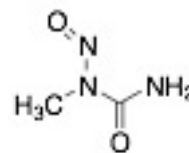


**1. Identification**Catalogue Number

M325815

Lot Number

19-RCD-65-1

StructureProduct Name

N-Methyl-N-nitroso Urea (Wetted with water &gt;20%)

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 FormulaC<sub>2</sub>H<sub>5</sub>N<sub>3</sub>O<sub>2</sub>Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

103.08

Purity

&gt;95%

**2. Warnings**

Explosive When Dry, Shock Sensitive, Temperature Sensitive

**3. Analytical Information**Tests

Appearance

Specifications

Off-White to Pale Beige Solid

Results

Off-White to Pale Beige Solid

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

HPLC Purity

&gt;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 ± 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

Sarbjit Kaur

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

4/22/2024

Retest Date

4/20/2028