



1. Identification

Catalogue Number

M325815

Lot Number

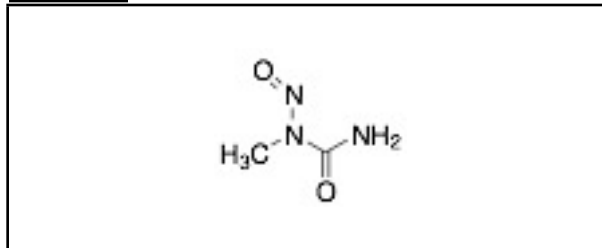
711946899-1-1

Product Name

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

Synonyms

1-Methyl-1-nitrosourea; MNU

StructureCAS Number

684-93-5

SolubilityDMSO (Sparingly), Methanol
(Slightly)Shipping Condition

This Product Is Stable To Be Shipped With Blue Ice

Molecular FormulaC₂H₅N₃O₂Source of Product

N/A

Long Term Storage Conditions

-20°C

Molecular Weight

103.08

Purity

98%

2. Warnings

Explosive When Dry, Shock Sensitive, Temperature Sensitive

3. Analytical Information

Tests

Appearance

Specifications

Off-White to Pale Beige Solid

Results

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

Reviewed by

R. Swathi

swathi reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

2/15/2024

Retest Date

2/13/2028