



CERTIFICATE OF ANALYSIS

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1. Identification

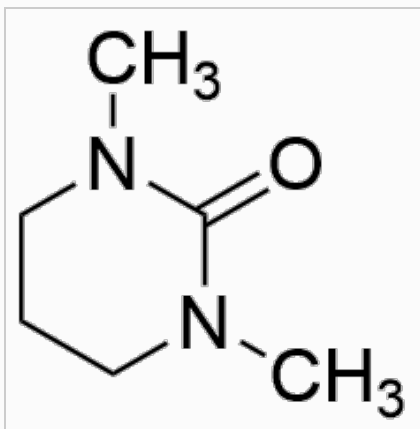
Catalogue Number: D440115

CAS Number: 7226-23-5

Product: 1,3-Dimethyl-3,4,5,6-tetrahydro-2(1H)-pyrimidinone

Synonym: Tetrahydro-1,3-dimethyl-2(1H)-pyrimidinone; 1,3-Dimethyl-2-oxohexahydropyrimidine; 1,3-Dimethyl-3,4,5,6-tetrahydro-2(1H)-pyrimidinone; 1,3-Dimethyl-3,4,5,6-tetrahydro-2(1H)-pyrimidone; 1,3-Dimethyl-3,4,5,6-tetrahydro-2-pyrimidinone; 1,3-Dimethylpropyleneurea; DMPU; DMPU (solvent); N,N-Dimethyl-1,3-propanediamine Cyclic Urea; N,N-Dimethyl-3,4,5,6-tetrahydro-2(1H)-pyrimidinone; N,N-Dimethyl-N,N-propyleneurea; N,N-Dimethyltrimethyleneurea;

Structure:



Molecular Formula:

C₆H₁₂N₂O

Molecular weight:

128.17

Source of Product:

N/A

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly)

Lot Number: 57-GHZ-152-1

Purity: 96%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|--------------------|-----------------------|--------------------------------|
| Appearance | Colourless Oil | Clear Colourless Oil |
| NMR | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 55.50, %H: 9.57, %N: 22.27 |
| MS | Conforms to Structure | Conforms |

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 | Reviewed By | C of A Approved By | Test Date | Retest Date |
|---|---|---|-----------|-------------|
| Evan Burns | Toni Rantanen | Chanell Chu | 6/4/2021 | 6/2/2025 |
|  |  |  | | |