



CERTIFICATE OF ANALYSIS

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1. Identification

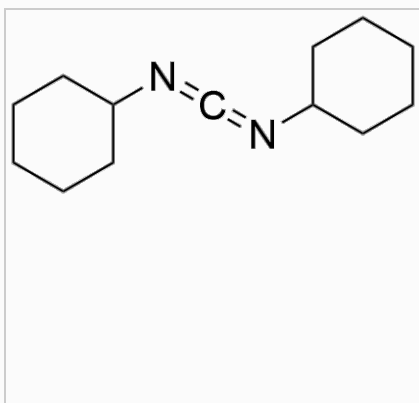
Catalogue Number: D438500

CAS Number: 538-75-0

Product: N,N'-Dicyclohexylcarbodiimide

Synonym: 1,3-Dicyclohexylcarbodiimide; Bis(cyclohexyl)carbodiimide; DCC; DCCD; DCCI; Dicyclohexylcarbodiimide; N,N'-Methanetetraylbis[cyclohexanamine]; NSC 30022; NSC 53373; NSC 57182;

Structure:



Molecular Formula:

C₁₃H₂₂N₂

Molecular weight:

206.33

Source of Product:

N/A

Solubility:

Chloroform (Sparingly),
DMSO (Slightly), Methanol
(Slightly)

Lot Number: 2023-JPO-093

Purity: 98%

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	Off-White to Pale Yellow Low-Melting Solid	Off-White to Pale Yellow Low-Melting Solid
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 76.18, %H: 11.21, %N: 13.86
GC Purity	Report Result	98.19%
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 $\pm 2\%$. 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	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	2/16/2023	2/14/2027