



CERTIFICATE OF ANALYSIS

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1. Identification

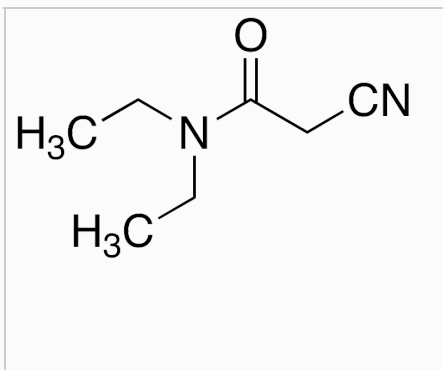
Catalogue Number: D444140

CAS Number: 26391-06-0

Product: N,N-Diethylcyanoacetamide

Synonym: N,N-Diethyl-2-cyanoacetamide; 2-Cyano-N,N-diethylacetamid;

Structure:



Molecular Formula:

C₇H₁₂N₂O

Molecular weight:

140.18

Source of Product:

N/A

Solubility:

Chloroform (Sparingly),
Methanol (Slightly)

Lot Number: 6-SYQ-49-1

Purity: 98%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless to Light Brown Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 60.59, %H: 8.92, %N: 21.51
GC Purity	Report Result	100.00%
FT-IR	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
Nicole Yip	Toni Rantanen	Chanell Chu	1/21/2023	1/19/2030