



## 1. Identification

Catalogue Number

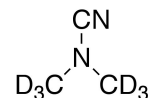
D461120

Lot Number

18-GHZ-131-1

Product Name

Dimethyl-d6-cyanamide

StructureSynonyms

N,N-dimethyl-d6 Cyanamide; Cyanodimethylamine-d6; Dimethyl-d6-aminocarbonitrile; N, N-Dimethyl-d6-cyanoamine; N-Cyano-N-methylmethanamine-d6; N-Cyanodimethylamine-d6; NSC 7765-d6;

CAS Number

72142-88-2

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_3D_6N_2$ Source of Product

N/A

Long Term Storage Conditions

4°C

Molecular Weight

76.13

Purity

&gt;95%

## 2. Warnings

Not Determined

## 3. Analytical Information

Tests

Appearance

Specifications

Colourless Oil

Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

GC Purity

&gt;95%

100.00%

MS

Conforms to Structure

Conforms

Isotopic Purity

&gt;95%

99.6%

Additional Information

Normalized Intensity:  $d_0 = 0.15\%$ ,  $d_1 = 0.01\%$ ,  $d_2 = 0.00\%$ ,  $d_3 = 0.11\%$ ,  $d_4 = 0.00\%$ ,  $d_5 = 1.08\%$ ,  $d_6 = 98.65\%$

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

Vijaya Annapareddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Sadaf Samadi

Quality Assurance Associate

Test Date

10/6/2025

Retest Date

10/4/2029