



CERTIFICATE OF ANALYSIS

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1. Identification

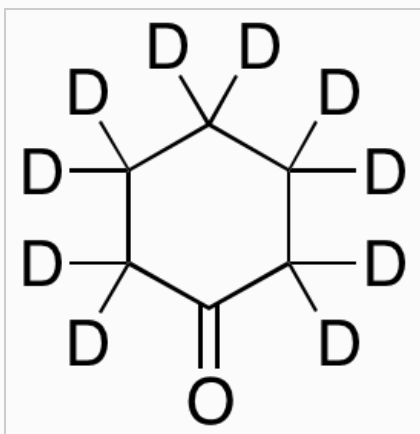
Catalogue Number: C987984

CAS Number: 51209-49-5

Product: Cyclohexanone-d10

Synonym: Anon-d10; Anone-d10; Hexanon-d10; Hytrol O-d10; NSC 5711-d10; Nadone-d10; Pimelic Ketone-d6; Pimelin Ketone-d10; Sextone-d10; Cyclohexanone-2,2,3,3,4,4,5,5,6,6-d10; Perdeuterocyclohexanone

Structure:



Molecular Formula:

C₆D₁₀O

Molecular weight:

108.21

Source of Product:

N/A

Solubility:

Chloroform

Lot Number: 5-FGD-597-1

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	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 66.87, %H: 9.95
GC Purity	Report Result	99.40%
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	>95% by NMR

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
Swathi Reddy	Toni Rantanen	Chanell Chu	4/11/2023	4/9/2027
