



CERTIFICATE OF ANALYSIS

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1. Identification

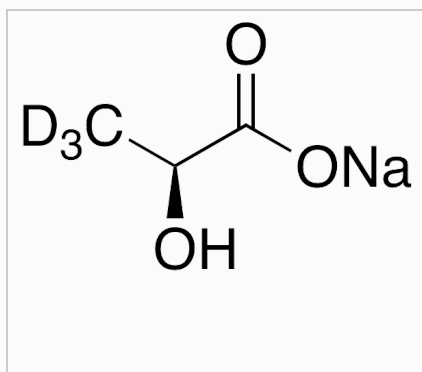
Catalogue Number: L113503

CAS Number: 285979-84-2

Product: L-Lactic Acid-d3 Sodium Salt

Synonym: (2S)-2-Hydroxy-propanoic Acid-d3 Sodium Salt; (+)-Lactic Acid-d3 Sodium Salt; (S)-(+)-Lactic Acid-d3 Sodium Salt; (S)-2-Hydroxypropanoic Acid-d3 Sodium Salt; (S)-2-Hydroxypropionic Acid-d3 Sodium Salt; (S)-Lactic Acid-d3 Sodium Salt; Espiritin-d3 Sodium Salt; HiPure 90-d3 Sodium Salt; Paralactic Acid-d3 Sodium Salt; Sarcosolactic Acid-d3 Sodium Salt; Tisulac-d3 Sodium Salt; Sodium L-Lactate-d3;

Structure:



Molecular Formula:

C₃H₂D₃NaO₃

Molecular weight:

115.08

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly), Water (Slightly)

Lot Number: 5-EJB-34-1

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	White to Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 30.46, %H: 4.74
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.3% (d0 = 0.22%)

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

Nicole Yip

**Reviewed By**

Toni Rantanen

**C of A Approved
By**

Christina Gouliaras

**Test Date**

6/5/2021

Retest Date

6/3/2025