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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2024

Re-test Date: Nov 2027

**Product Name: Lacosamide USP Related Compound B**

### Identification:

Chemical Name: (2-Acetamido-3-(benzylamino)-3-oxopropyl acetate) (as per USP)

Synonyms : NA

CAS Number : 1822463-67-1

CAT Number : CP-L8023

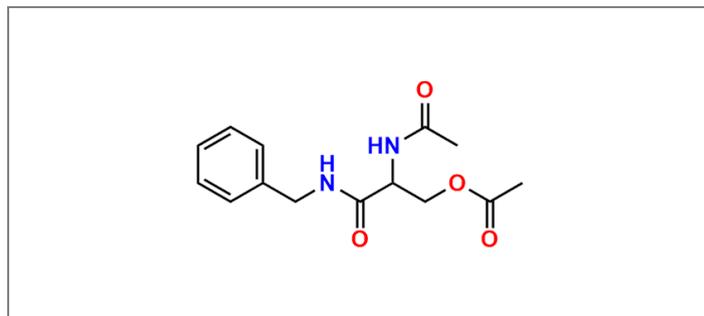
Molecular Formula : C<sub>14</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight : 278.31

Batch Number : CP-LAC-RCB-1224

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	100.00%
5)	<sup>1</sup> HNMR	Confirm to structure



### Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

### Approved By

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.