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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2024

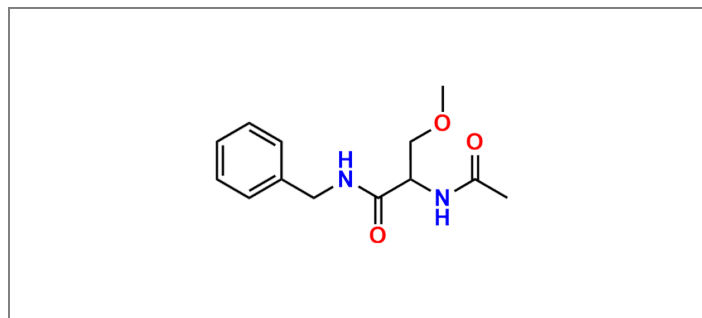
Re-test Date: Jan 2027

**Product Name: Lacosamide Racemate**

### Identification:

Chemical Name: 2-Acetamido-N-benzyl-3-methoxypropanamide

Synonyms : NA  
CAS Number : 175481-26-2  
CAT Number : CP-L8021  
Molecular Formula : C<sub>13</sub>H<sub>18</sub>N<sub>2</sub>O<sub>3</sub>  
Molecular Weight : 250.30  
Batch Number : CP-LAC-RAC-0224



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/CDCl <sub>3</sub>
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.95 %
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.