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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2022

Re-test Date: Nov 2025

Product Name: Lacosamide EP Impurity K

Identification:

Chemical Name: 2-Acetamido-N-benzylprop-2-enamide

Synonyms : Lacosamide Acrylamide Analog

CAS Number : 86921-49-5

CAT Number : CP-L8011

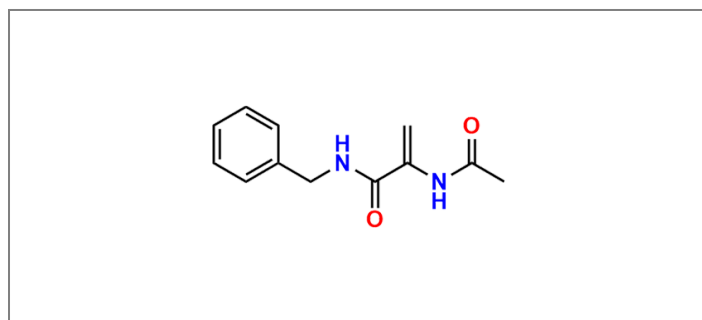
Molecular Formula : C₁₂H₁₄N₂O₂

Molecular Weight : 218.25

Batch Number : CHEM-LAC-K-12-03-001

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 ₃
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.76%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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