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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2025

Re-test Date: Jun 2028

Product Name: Alitame Anhydrous

Identification:

Chemical Name: (S)-3-Amino-4-oxo-4-(((R)-1-oxo-1-((2,2,4,4-tetramethylthietan-3-yl)amino)propan-2-yl)amino)butanoic acid

Synonyms : NA

CAS Number : 80863-62-3

CAT Number : CP-CS4319

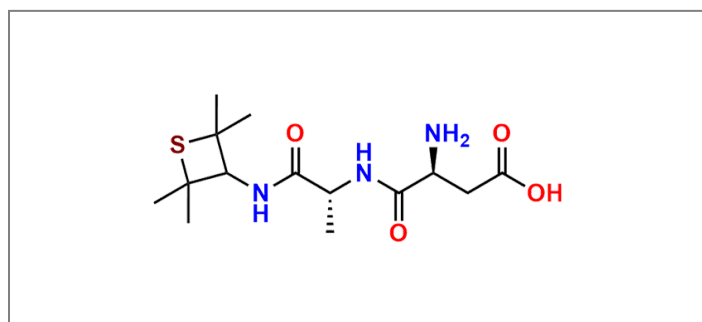
Molecular Formula : C₁₄H₂₅N₃O₄S

Molecular Weight : 331.43

Batch Number : CP-ALI-AHD-0725

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



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	99.87%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	11.576%
9)	Potency by TGA	88.31%



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.