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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

Re-test Date: Dec 2027

Product Name: Aspartame (In House Standard)

Identification:

Chemical Name: L- α -Aspartyl-L-phenylalanine 2-Methyl Ester

Synonyms : Canderel ; Dipeptide Sweetener

CAS Number : 22839-47-0

CAT Number : CP-A26000

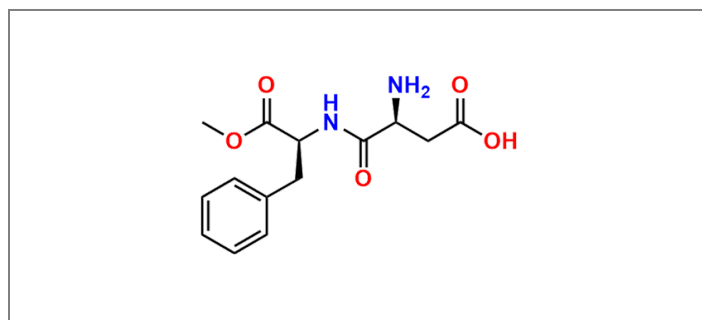
Molecular Formula : C₁₄H₁₈N₂O₅

Molecular Weight : 294.31

Batch Number : CP-ASP-IN-0125

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	98.48%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	-
9)	Potency by TGA	-



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.