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CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2025

Re-test Date: May 2028

Product Name: Aspartame Related Compound A

Identification:

Chemical Name: 5-Benzyl-3,6-dioxo-2-piperazineacetic acid

Synonyms : 2-(5-benzyl-3,6-dioxopiperazin-2-yl)acetic acid

CAS Number : 55102-13-1

CAT Number : CP-1043728

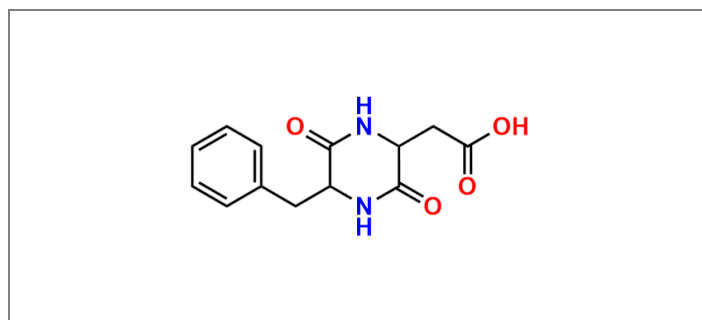
Molecular Formula : C₁₃H₁₄N₂O₄

Molecular Weight : 262.27

Batch Number : CP-ASP-RCA-0525

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	99.90%
5)	¹ H NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.940%
8)	Potency by TGA	98.96%



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.