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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2026

Re-test Date: Jan 2029

Product Name: Aspartame EP Impurity A

Identification:

Chemical Name: [(2S,5S)-5-Benzyl-3,6-dioxopiperazin-2-yl]acetic acid) (as per USP)

Synonyms : NA

CAS Number : 5262-10-2

CAT Number : CP-A26001

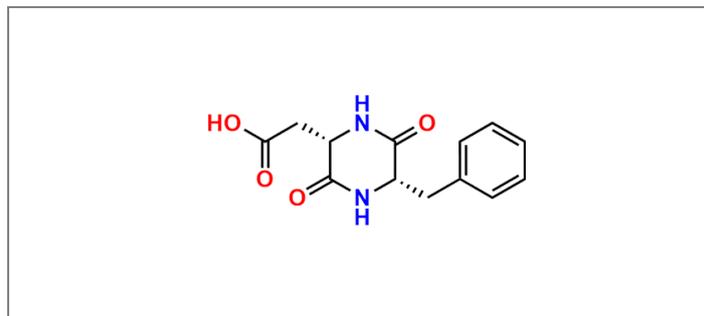
Molecular Formula : C₁₃H₁₄N₂O₄

Molecular Weight : 262.26

Batch Number : CP-ASP-A-0124

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	99.66%
5)	1HNMR	Confirm to structure
6)	IR	Confirm to structure
7)	Weight loss by TGA	1.837%
8)	Potency by TGA	97.83%



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.