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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2024

Re-test Date: Dec 2026

Product Name: Aspartame EP Impurity A

Identification:

Chemical Name: 2-((2S,5S)-5-benzyl-3,6-dioxopiperazin-2-yl)acetic acid

Synonyms : Aspartame USP Related
Compound A

CAS Number : 5262-10-2

CAT Number : CP-A26001

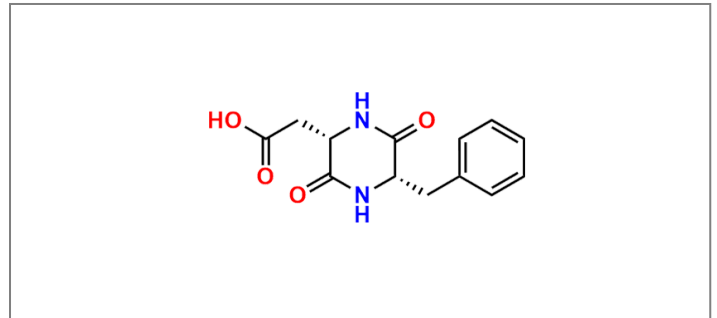
Molecular Formula : C₁₃H₁₄N₂O₄

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	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.85%
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.