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## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

Re-test Date: Jun 2027

**Product Name: Lisinopril EP Impurity C**

### Identification:

Chemical Name: (2S)-2-[(3S,8aS)-3-(4-aminobutyl)-1,4-dioxohexahydropyrrolo[1,2-a]pyrazin-2(1H)-yl]-4-phenylbutanoic acid (as per EP)

Synonyms : S,S,S-Diketopiperazine (EP) ;  
Lisinopril USP Related  
Compound A

CAS Number : 328385-86-0

CAT Number : CP-L21003

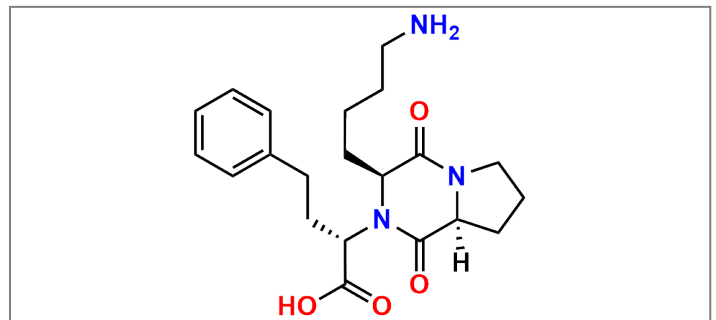
Molecular Formula : C<sub>21</sub>H<sub>29</sub>N<sub>3</sub>O<sub>4</sub>

Molecular Weight : 387.48

Batch Number : CP-LIS-C-0724

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	Off White Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.95%
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.