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## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

Re-test Date: Dec 2027

**Product Name: Perindopril EP Impurity F**

### Identification:

Chemical Name: ethyl (2S)-2-[(3S,5aS,9aS,10aS)-3-methyl-1,4-dioxodecahydropyrazino[1,2-a]indol-2(1H)-yl]pentanoate (as per EP)

Synonyms : Perindopril USP Related  
Compound F ; Perindopril  
Diketopiperazine ; Perindopril  
(10aS)-Dione

CAS Number : 129970-98-5

CAT Number : CP-P18006

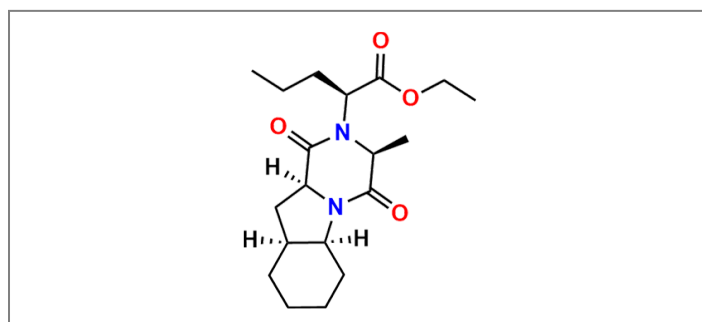
Molecular Formula : C<sub>19</sub>H<sub>30</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight : 350.46

Batch Number : CP-PER-F-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 to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure mass
4)	Purity by HPLC	94.46%
5)	H1NMR	Confirm to Structure
6)	13CNMR	Confirm to Structure
7)	IR	Confirm to Structure



**Prepared and Reviewed By**

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.