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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2023

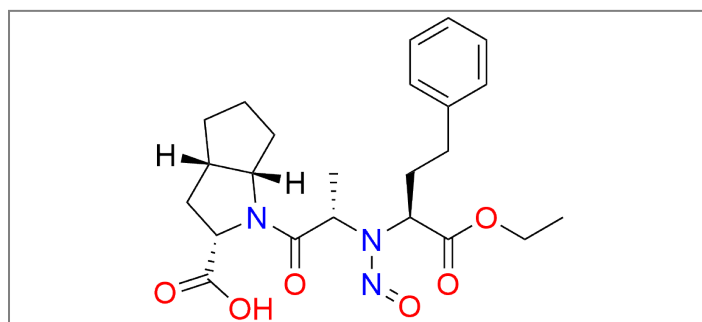
Re-test Date: May 2026

**Product Name: N-Nitroso Ramipril**

### Identification:

Chemical Name: (2S,3aS,6aS)-1-(N-((S)-1-ethoxy-1-oxo-4-phenylbutan-2-yl)-N-nitroso-L-alanyl)octahydrocyclopenta[b]pyrrole-2-carboxylic acid

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-R7009  
Molecular Formula : C<sub>23</sub>H<sub>31</sub>N<sub>3</sub>O<sub>6</sub>  
Molecular Weight : 445.52  
Batch Number : CHEM-RMI-NIT  
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        | Pale Yellow Sticky Liquid |
| 2)      | Solubility         | Soluble in Methanol/DMSO  |
| 3)      | MASS By LCMS       | Confirm to structure      |
| 4)      | Purity By HPLC     | 96.54%                    |
| 5)      | H1NMR              | Confirm to structure      |
| 6)      | 13CNMR             | Confirm to structure      |
| 7)      | Weight loss by TGA | 1.07%                     |
| 8)      | Potency by TGA     | 95.5%                     |



**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.