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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2025

Re-test Date: Feb 2028

**Product Name: N-Nitroso Metamizole EP Impurity C**

### Identification:

Chemical Name: N-(1,5-Dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazol-4-yl)-N-methylnitrous amide

Synonyms : N-Nitroso 4-Methylamino  
Antipyrine

CAS Number : 73829-38-6

CAT Number : CP-M34008

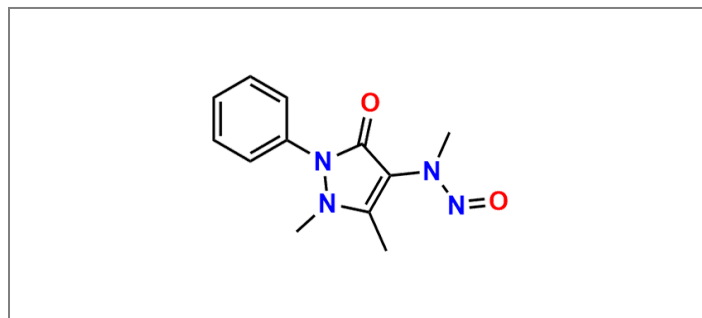
Molecular Formula : C<sub>12</sub>H<sub>14</sub>N<sub>4</sub>O<sub>2</sub>

Molecular Weight : 246.27

Batch Number : CP-MET-NITC-0325

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	Light Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	75.63 %+ 24.17 % = 99.8 %
5)	<sup>1</sup> HNMR	Confirm to Structure



### 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.