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CERTIFICATE OF ANALYSIS

Analysis Date: May 2024

Re-test Date: Apr 2027

Product Name: Metamizole EP Impurity C

Identification:

Chemical Name: 1,5-Dimethyl-4-(methylamino)-2-phenyl-1,2-dihydro-3H-pyrazol-3-one hydrochloride

Synonyms : 4-Methylamino Antipyrine
Hydrochloride

CAS Number : 856307-27-2

CAT Number : CP-M34003

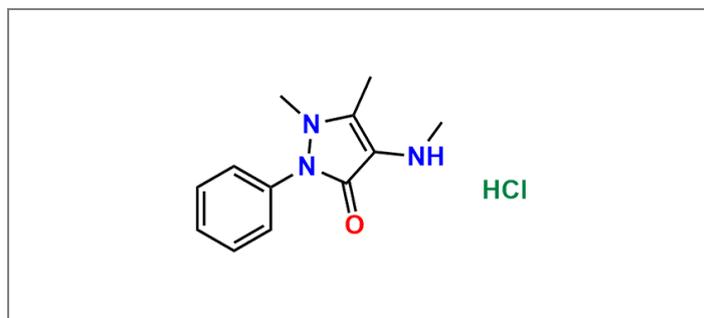
Molecular Formula : C₁₂H₁₅N₃O : HCl

Molecular Weight : 217.27 : 36.46

Batch Number : CP-MET-C-0524

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 Sticky Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	91.52%
5)	¹ H NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



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.