



CERTIFICATE OF ANALYSIS

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1. Identification

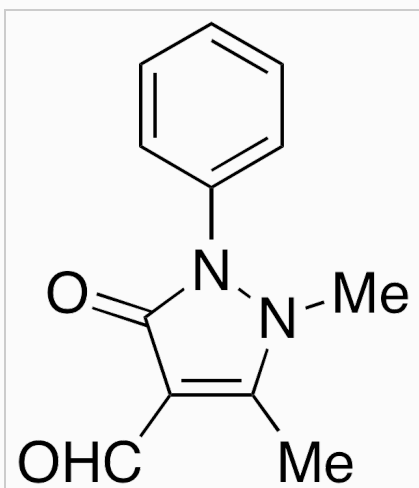
Catalogue Number: F696850

CAS Number: 950-81-2

Product: 4-Formyl Antipyrine

Synonym: 2,3-Dihydro-1,5-dimethyl-3-oxo-2-phenyl-1H-pyrazole-4-carboxaldehyde; Antipyrinaldehyde; 2,3-Dimethyl-4-formyl-1-phenyl-5-pyrazolone; 1,5-Dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazole-4-carboxaldehyde; 2,3-Dimethyl-5-oxo-1-phenyl-3-pyrazoline-4-carboxaldehyde; 4-Antipyrinecarboxaldehyde; 4-Formyl-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one; 4-Formyl-2,3-dimethyl-1-phenyl-3-pyrazoline-5-one; NSC 60408;

Structure:



Molecular Formula:

C₁₂H₁₂N₂O₂

Molecular weight:

216.24

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 3-BLH-98-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow Solid	Pale Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 66.38, %H: 5.70, %N: 12.79
MS	Conforms to Structure	Conforms
HPLC Purity	>95%	100.00%

Additional Information: NA

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Eric Beaton	Neha Khanna	Clarissa Santos	2/8/2019	2/6/2026
				