



CERTIFICATE OF ANALYSIS

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1. Identification

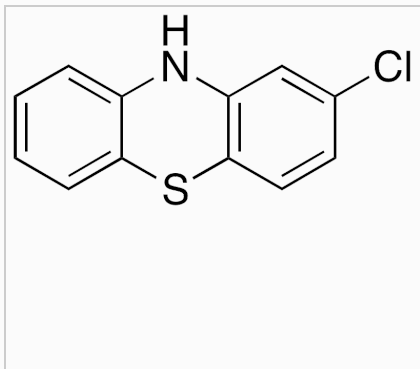
Catalogue Number: C374970

CAS Number: 92-39-7

Product: 2-Chloro Phenothiazine

Synonym: 2-Chloro-10H-phenothiazine; NSC 170953; NSC 17469; NSC 67188; Chlorpromazine EP Impurity E

Structure:



Molecular Formula:

C₁₂H₈ClNS

Molecular weight:

233.72

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly, Sonicated)

Lot Number: 6-ABY-65-1

Purity: 98%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Beige to Beige Solid	Pale Beige to Pale Brown Solid
Elemental Analysis	Conforms	%C: 61.87, %H: 3.59, %N: 6.04
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.71% (255 nm)

Additional Information: N/A

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
Evan Burns	Toni Rantanen	Chanell Chu	6/3/2021	6/1/2028