



CERTIFICATE OF ANALYSIS

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1. Identification

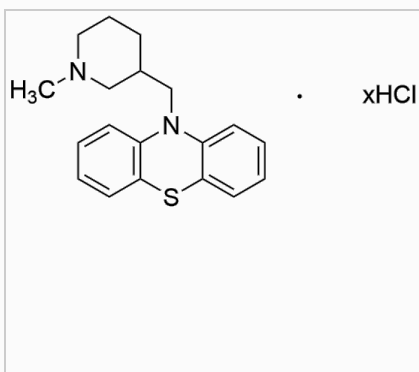
Catalogue Number: P217890

CAS Number: 738596-90-2

Product: Pecazine Hydrochloride

Synonym: 10-[(1-Methyl-3-piperidyl)methyl]phenothiazine; III 2318; Lacumin; MPMP; Mepazin; Mepazine; Mepazine Base; Meprazine; Mesapin; Nothiazine; P 391; Pacatal; Pacatal base; Pacatol; Pakatal; Paxital; Pecatal; Pecazine

Structure:



Molecular Formula:

$C_{19}H_{22}N_2S \cdot xHCl$

Molecular weight:

$310.46 + x(36.46)$

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 3-ANH-107-1

Purity: 98%

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

Storage Condition: 4°C, Hygroscopic

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Green Solid	Pale Green Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.83% (255 nm)
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 60.02, %H: 6.80, %N: 7.40
Chloride Content	Report Result	13.4%
Specific Rotation	Report Result	0.0° (c = 0.1, Methanol)
Water Content	Report Result	~4.7% based on Elemental Analysis

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
Neha Khanna	Toni Rantanen	Chanell Chu	9/22/2021	9/20/2025
				