



CERTIFICATE OF ANALYSIS

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1. Identification

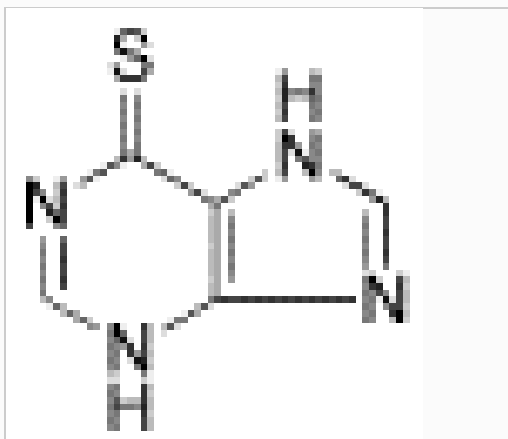
Catalogue Number: M225450

CAS Number: 6112-76-1

Product: 6-Mercaptopurine Monohydrate

Synonym: 3,7-Dihydro-purine-6-thione Monohydrate;

Structure:



Molecular Formula:

C₅H₆N₄OS

Molecular weight:

170.19

Source of Product:

N/A

Solubility:

Methanol (Slightly)

Lot Number: 8-XJZ-76-1

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 Yellow to Light Yellow Solid	Pale Yellow to Light Yellow Solid
Elemental Analysis	Conforms	%C: 35.26, %H: 3.16, %N: 32.61
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Water Content	Report Result	8.1% by Karl Fischer
HPLC Purity	>95%	99.96% (325 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 ± 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
Nicole Yip	Toni Rantanen	My Nguyen	3/8/2021	3/6/2031