



CERTIFICATE OF ANALYSIS

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1. Identification

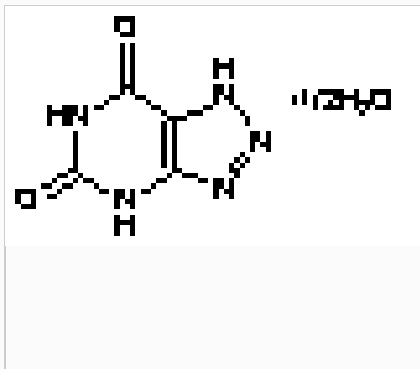
Catalogue Number: A806050

CAS Number: 59840-67-4

Product: 8-Azaxanthine Monohydrate

Synonym: 8-Aza-2,6-dihydroxypurine, Monohydrate; 3H-1,2,3-Triazolo(4,5-d)pyrimidine-5,7-diol; Xanthazole monohydrate;

Structure:



Molecular Formula:

C₄H₅N₅O₃

Molecular weight:

171.11

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 2-AZC-69-1

Purity: 98%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow to Yellow Solid	Pale Yellow to Light Yellow Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.41% (262 nm)
MS	Conforms to Structure	Conforms
Water Content	Report Result	10.7% by Karl Fischer

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
Sarbjeeet Kaur	Toni Rantanen	Chanell Chu	8/3/2022	8/1/2029