



CERTIFICATE OF ANALYSIS

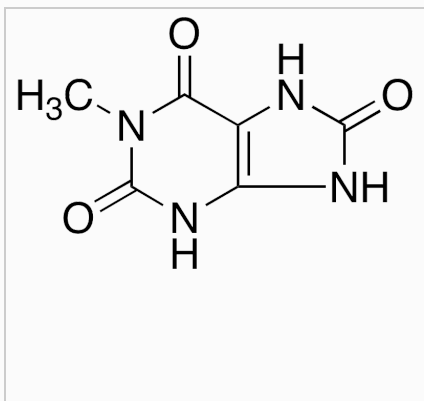
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1. Identification

Catalogue Number: M338180

Product: 1-Methyluric Acid

Structure:



CAS Number: 708-79-2

Synonym: 7,9-Dihydro-1-methyl-1H-purine-2,6,8(3H)-trione; 1-Methyl-uric Acid;

Molecular Formula:

C₆H₆N₄O₃

Molecular weight:

182.14

Source of Product:

N/A

Solubility:

Aqueous Base (Slightly, Heated), DMSO (Slightly, Heated, Sonicated)

Lot Number: 20-JPO-139-1

Purity: 97%

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 Pale Brown Solid	Pale Yellow to Pale Beige Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 39.09, %H: 3.08, %N: 30.13
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	100.00% (285 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	8/30/2021	8/28/2025