



1. Identification

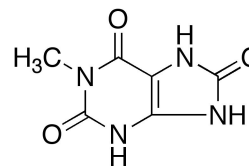
Catalogue Number

M338180

Lot Number

1-NAH-76-2

Structure



Product Name

1-Methyluric Acid

Synonyms

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

CAS Number

708-79-2

Solubility

Aqueous Base (Slightly), DMSO
(Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room
Temperature

Molecular Formula

C₆H₆N₄O₃

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

182.14

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Pale Yellow to Brown Solid

Results

Light Beige to Beige Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.55% (285 nm)

MS

Conforms to Structure

Conforms

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

R. Swathi

swathi reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

5/23/2024

Retest Date

5/21/2028