

1. Identification

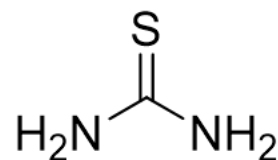
Catalogue Number

T375450

Lot Number

1-CAL-151-1

Structure



Product Name

Thiourea

Synonyms

Thiopseudourea; 2-Thiourea; Isothiourea; NSC 5033; Pseudothiurea; THU; Thiocarbamide; TslZP 34; ?-Thiopseudourea

CAS Number

62-56-6

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

CH₄N₂S

Source of Product

N/A

Long Term Storage Conditions

20°C

Molecular Weight

76.12

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.51% (240 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 ± 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



Nicole Yip

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Christina Gouliaras

Quality Assurance Associate

Test Date

1/14/2025

Retest Date

1/12/2029