

1. Identification

Catalogue Number

A163750

Lot Number

2023-QIU-364

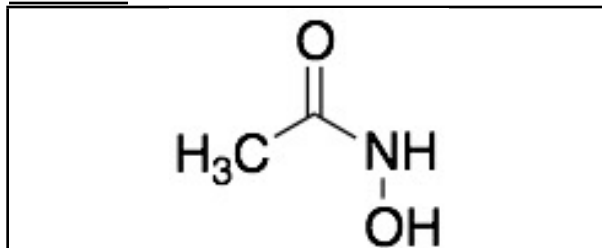
Product Name

Acetohydroxamic Acid

Synonyms

N-Hydroxyacetamide; AHA; Acetic Acid Oxime; Acetohydroxamic Acid; Acetylhydroxamic Acid; Acetylhydroxylamine; N-Acetylhydroxylamine; Methylhydroxamic Acid; N-Acetylhydroxylamine; N-Hydroxyacetamide; NSC 176136; NSC 408425; NSC 5073;

Structure



CAS Number

546-88-3

Solubility

Methanol (Slightly), Water (Soluble)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂H₅NO₂

Source of Product

N/A

Long Term Storage Conditions

-20°C

Molecular Weight

75.07

Purity

98%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Brown Solid

Results

Off-White to Pale Brown Solid

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 28.81, %H: 7.07, %N: 16.57

HPLC Purity

Report Result

99.17% (205 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



Henry Tieu

Product Quality Specialist

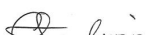
Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Christina Gouliaras

Quality Assurance Associate

Test Date

12/15/2023

Retest Date

12/13/2027