



1. Identification

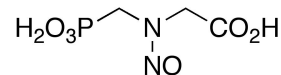
Catalogue Number

N545150

Lot Number

13-RCD-26-3

Structure



Product Name

N-Nitroso-N-(phosphonomethyl)glycine

Synonyms

2-[Nitroso(phosphonomethyl)amino]acetic Acid; N-Nitroso-N-phosphonoglycine;
N-Nitrosoglyphosate; Nitrosoglyphosate;

CAS Number

56516-72-4

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room
Temperature

Molecular Formula

C₃H₇N₂O₆P

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

198.07

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Yellow Solid

Results

Off-White to Pale Yellow Solid

NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 18.13, %H: 3.54, %N: 13.84

HPLC Purity

>95%

99.53% (245 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

Reviewed by

C of A Approved by

Test Date

Retest Date

2/9/2024

2/7/2028

Meenakshi Sharma

Toni Rantanen

Rami Dhanoa

Product Quality Specialist

Manager, Quality Assurance

Quality Assurance Associate