

**1. Identification**Catalogue Number

A178235

Lot Number

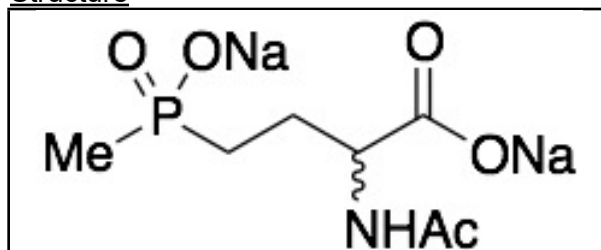
3-JED-143-1

Product Name

N-Acetyl Glufosinate Sodium

Synonyms

2-(Acetylamino)-4-(hydroxymethylphosphinyl)butanoic Acid Sodium Salt;

StructureCAS Number

133659-60-6

SolubilityMethanol (Sparingly), Water
(Slightly)Shipping ConditionThis Product Is Stable To Be Shipped At Room
TemperatureMolecular Formula $C_7H_{12}NNa_2O_5P$ Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

267.13

Purity

>95%

2. Warnings

Very Hygroscopic

3. Analytical InformationTests

Appearance

Specifications

White to Off-White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 28.61, %H: 4.97, %N: 4.86

HPLC Purity

>95%

100.00% (ELSD)

MS

Conforms to Structure

Conforms

Sodium Content

Report Result

15.49% by Ion Chromatography

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. SignaturesReviewed by

Henry Tieu

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Jr. Quality Assurance

Test Date

4/20/2023

Retest Date

4/18/2027