

## 1. Identification

Catalogue Number

B372300

Lot Number

712020878-1-1

Product Name

Bialaphos Sodium Salt

Synonyms

(2S)-2-Amino-4-(hydroxymethylphosphinyl)butanoyl-L-alanyl-L-alanine Monosodium Salt; ?-(Hydroxymethylphosphinyl)-L-?-aminobutyryl-L-alanyl-L-alanine Monosodium Salt; Bilanafos Sodium Salt; Herbi-Ace; Herbie; MW 801; SF 1293

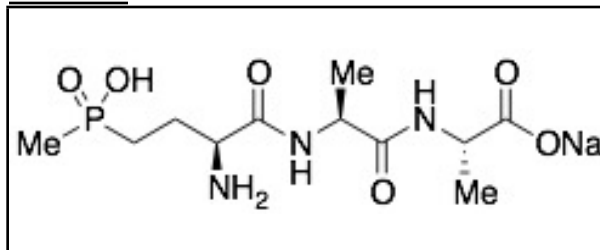
CAS Number

71048-99-2

Solubility

Methanol (Slightly), Water (Slightly)

Structure



Molecular Formula

C<sub>11</sub>H<sub>21</sub>N<sub>3</sub>NaO<sub>6</sub>P

Source of Product

N/A

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Weight

345.26

Purity

>95%

Long Term Storage Conditions

4°C, Hygroscopic

## 2. Warnings

Hygroscopic

## 3. Analytical Information

Tests

Appearance

Specifications

White to Pale Brown Solid

Results

Pale Beige to Pale Brown Solid

NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 34.96, %H: 6.35, %N: 10.62

HPLC Purity

>95%

98.00% (ELSD)

MS

Conforms to Structure

Conforms

Sodium Content

Report Result

6.2%

Specific Rotation

Report Result

-18.2° (c = 0.1, Water)

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

*Neha*

Neha Khanna

Product Quality Specialist

Reviewed by

*Toni Rantanen*

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

*Christina Gouliaras*

Christina Gouliaras

Quality Assurance Associate

Test Date

6/13/2024

Retest Date

6/11/2028