



CERTIFICATE OF ANALYSIS

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1. Identification

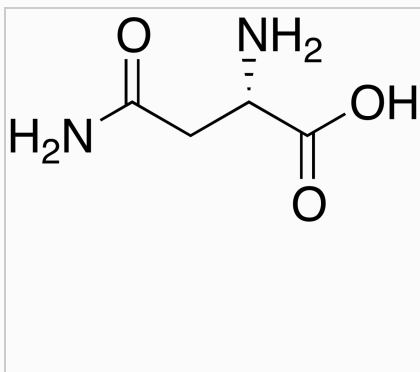
Catalogue Number: A790028

CAS Number: 70-47-3

Product: L-Asparagine

Synonym: Aspartamic Acid; Agedoite; Altheine; Asn; Asparagine; Asparagine Acid; Asparamide; Aspartic Acid Amide; Aspartic Acid β -Amide; Crystal VI; L-2,4-Diamino-4-oxobutanoic Acid; L-Aspartamine; L- β -Asparagine; NSC 82391;

Structure:



Molecular Formula:

C₄H₈N₂O₃

Molecular weight:

132.12

Source of Product:

N/A

Solubility:

Aqueous Acid (Sparingly),
Water (Sparingly)

Lot Number: 50-GHZ-110-1

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:

Appearance

NMR

HPLC Purity

C NMR

Specifications:

White to Off-White Solid

Conforms to Structure

Report Result

Conforms to Structure

Results:

White to Off-White Solid

Conforms

95.87% (ELSD)

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 $\pm 2\%$. 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. Signatures

Reviewed By

Henry Tieu

Reviewed By

Toni Rantanen

C of A Approved By

Christina Gouliaras

Test Date

10/19/2022

Retest Date

10/17/2026