

# CERTIFICATE OF ANALYSIS

## 1. Identification

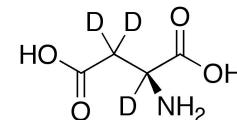
Catalogue Number

A790023

Lot Number

AC-271

Structure



Synonyms

S)-2-Aminobutanedioic Acid-d3; (S)-Aminobutanedioic Acid-d3; L-(+)-Aspartic Acid-d3; L-Aminosuccinic Acid-d3; L-Asparagic Acid-d3; L-Asparagine Acid-d3; NSC 3973-d3; NSC 79553-d3;

CAS Number

3842-25-9

Solubility

Aqueous Acid (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>4</sub>H<sub>4</sub>D<sub>3</sub>NO<sub>4</sub>

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

136.12

Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

Tests

Appearance

Specifications

NMR

White to Light Beige Solid

Results

White to Light Beige Solid

HPLC Purity

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.73% (ELSD)

>95%

>95% by NMR

## 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

Iuri Lutenco

Reviewed by

Toni Rantanen

C of A Approved by

Chanell Chu

Manager, Quality Assurance

Test Date

1/10/2024

Retest Date

1/08/2031