



## CERTIFICATE OF ANALYSIS

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### 1. Identification

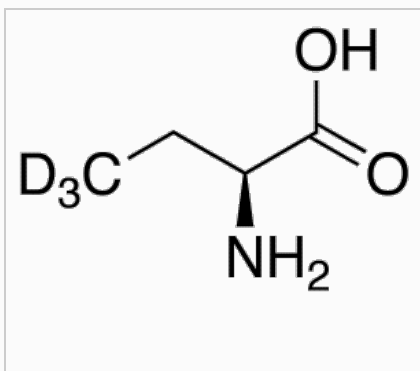
**Catalogue Number:** A602932

**CAS Number:** 929202-07-3

**Product:** L-Aminobutyric Acid-d3

**Synonym:** (2S)-2-Aminobutanoic Acid-d3; (S)-(+)-α-2-Aminobutyric Acid-d3; H-2-ABU-OH-d3; L-α-2-Aminobutyric Acid-d3; L-Butyrine-d3; L-Ethylglycine-d3; LH-L-ABU-OH-d3; NSC 97060-d3;

**Structure:**



**Molecular Formula:**

C<sub>4</sub>H<sub>6</sub>D<sub>3</sub>NO<sub>2</sub>

**Molecular weight:**

106.14

**Source of Product:**

Synthetic

**Solubility:**

Methanol (Slightly, Heated),  
Water (Soluble)

**Lot Number:** 4-KAS-3-1

**Purity:** 98%

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

**Storage Condition:** 4°C

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.5%
HPLC Purity	Report Result	100.00% (ELSD)

**Additional Information:**

Normalized Intensity: d0 = 0.26%, d1 = 0.34%, d2 = 0.00%, d3 = 99.41%

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 Khanna

**Reviewed By**

Toni Rantanen

**C of A Approved By**

Chanell Chu

**Test Date**

3/15/2022

**Retest Date**

3/13/2029