



## CERTIFICATE OF ANALYSIS

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### 1. Identification

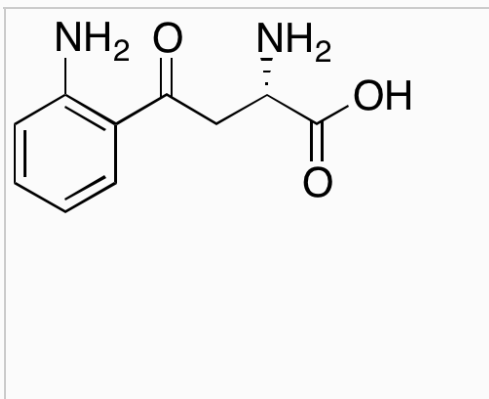
**Catalogue Number:** K661005

**CAS Number:** 2922-83-0

**Product:** L-Kynurenine

**Synonym:** (αS)-α,2-Diamino-γ-oxo-benzenebutanoic Acid;

**Structure:**



**Molecular Formula:**

C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>3</sub>

**Molecular weight:**

208.21

**Source of Product:**

N/A

**Solubility:**

Aqueous Acid (Slightly),  
DMSO (Slightly), Methanol  
(Slightly), Water (Slightly)

**Lot Number:** 2023-PVA-025

**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:
NMR	Conforms to Structure	Conforms
Specific Rotation	Report Result	-30.0° (c = 0.1, Water)
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.57% (225 nm)
Appearance	Pale Yellow to Light Brown Solid	Pale Beige to Pale Brown Solid
Elemental Analysis	Conforms	%C: 54.17, %H: 5.91, %N: 13.18

**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	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Christina Gouliaras	1/20/2023	1/18/2027