



## CERTIFICATE OF ANALYSIS

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### 1. Identification

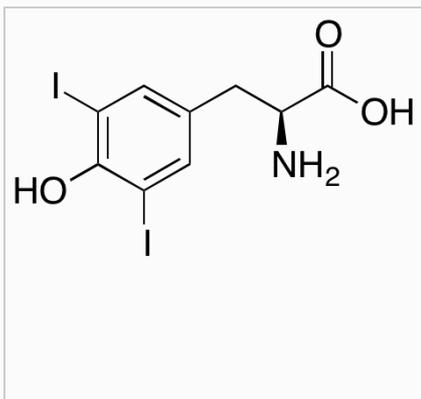
**Catalogue Number:** D466055

**CAS Number:** 300-39-0

**Product:** 3,5-Diiodo-L-tyrosine

**Synonym:** 3,5-Diiodo-L-tyrosine; 3',5'-Diiodo-L-tyrosine; Bijodtyrosin; DIT; DIT (amino acid);

**Structure:**



**Molecular Formula:**

C<sub>9</sub>H<sub>9</sub>I<sub>2</sub>NO<sub>3</sub>

**Molecular weight:**

432.98

**Source of Product:**

N/A

**Solubility:**

Aqueous Acid (Slightly),  
Aqueous Base (Slightly),  
DMSO (Slightly, Heated)

**Lot Number:** 22-SBL-32-1

**Purity:** 97%

**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:
Elemental Analysis	Conforms	%C: 24.60, %H: 2.34, %N: 3.15
Appearance	White to Pale Beige Solid	Pale Yellow Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.19% (220 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+2.1° (c = 0.2, 1N HCl)

**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 Khanna

**Reviewed By**

Toni Rantanen

**C of A Approved By**

Chanell Chu

**Test Date**

4/11/2022

**Retest Date**

4/9/2026