

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-13 13:28:30

Date of Next Testing: 2029-10-12 13:28:30

Product Name: **DL-Tyrosine**

CAS Number: 556-03-6

Specifications & Purity: $\geq 98\%$

Lot #: L2125193

SKU #: **T108322**

Version: **0**

Analysis #: **586321**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
Carbon by Elemental Analysis	58.8-60.6 (%)	59.10 %
Nitrogen by Elemental Analysis	7.4-8 (%)	7.40 %
Purity(HPLC)	98-100 (%)	98.06000 %
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in } 1\text{mol/L HCl})$	-0.5-0.5 (°)	-0.16 °
Purity(Nonaqueous Titration)	97.5-102.5 (%)	99.60 %
Appearance (T108322)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 N HCl , Colorless to Faint Yellow,Clear to Slightly Hazy5%	pass	Pass



John Su
QA & QC Manager