

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-24 11:56:28
 Date of Next Testing: 2026-10-23 11:56:28
 Product Name: **DL-Tyrosine**
 CAS Number: 556-03-6
 Specifications & Purity: $\geq 98\%$
 Lot #: A1907113
 SKU #: **T108322**
 Version: **0**
 Analysis #: **147690**
 Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	58.8-60.6 (%)	59.30800 %
Nitrogen by Elemental Analysis	7.4-8 (%)	7.42600 %
Purity(HPLC)	98-100 (%)	98.00000 %
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in } 1\text{mol/L HCl})$	-0.5-0.5 (°)	-0.16800 °
Purity(Nonaqueous Titration)	97.5-102.5 (%)	98.00360 %
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 Hazy 5%	pass	Pass



John Su
QA & QC Manager