

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-29 18:16:33  
Date of Next Testing: 2026-06-28 18:16:33  
Product Name: **(S)-(-)-Tyrosine**  
CAS Number: 60-18-4  
Specifications & Purity: for synthesis  
Lot #: F2327473  
SKU #: **S433057**  
**Analysis:** **246220**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	99-100 (%)	99.90%
Specific Rotation [α] <sub>20</sub> /D(c=5 in 1mol/L HCl)	-12.5~-11 (°)	-11.32°
Appearance(S433057)	White Crystalline Powder	white crystalline powder
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager