

## Certificate of Analysis

Date of Testing: 2023-04-13 14:43:42  
Date of Next Testing: 2027-04-12 14:43:42  
Product Name: **L-Tyrosine**  
CAS Number: 60-18-4  
Specifications & Purity: 99%  
Lot #: D2306896  
SKU #: **T103976**  
**Analysis:** **202706**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> 20/D(c=5 in 1mol/L HCl)	-12.5--9.8 (°)	-9.92°
Purity(HPLC)	98-100 (%)	99.97800 %
Appearance (T103976)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 M HCl , Colorless to Light Yellow,Clear,50 mg/mlpass		Pass



John Su  
QA & QC Manager