

## Certificate of Analysis

Date of Testing: 2024-08-20 14:30:51  
Date of Next Testing: 2027-08-20 14:30:51  
Product Name: **L-Tyrosine disodium salt hydrate**  
CAS Number: 69847-45-6  
Specifications & Purity: 98%  
Lot #: K2108153  
SKU #: **L194654**  
Version: **0**  
Analysis #: **401550**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> 20/D(c=5 in HCl(1+10))	-9--7 (°)	-7.01°
Water by Karl Fischer	0-19.3 (%)	14.80%
Purity(HPLC)	98-100 (%)	98.05000%
Appearance (L194654)	White to Yellow to Beige Solid or Powder	White to Yellow to Beige Solid or Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager