

## Certificate of Analysis

Date of Testing: 2022-06-14 14:14:45  
Date of Next Testing: 2025-06-13 14:14:45  
Product Name: **L-Tyrosine disodium salt hydrate**  
CAS Number: 69847-45-6  
Specifications & Purity: 98%  
Lot #: F2213085  
SKU #: **L194654**  
**Analysis:** **094697**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-19.3 (%)	11.30%
Purity(HPLC)	98-100 (%)	99.45500%
Specific Rotation [α] <sub>20</sub> /D(c=5 in HCl(1+10))	-9--7 (°)	-7.05°
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