

## Certificate of Analysis

Date of Testing: 2022-12-09 11:34:34  
Date of Next Testing: 2025-12-08 11:34:34  
Product Name: **L-Tyrosine disodium salt hydrate**  
CAS Number: 69847-45-6  
Specifications & Purity: 98%  
Lot #: B2021042  
SKU #: **L194654**  
**Analysis: 165259**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=5 in HCl(1+10))	-9--7 (°)	-7.15 °
Water by Karl Fischer	0-19.3 (%)	17.82 %
Purity(HPLC)	98-100 (%)	99.41500 %
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