

## Certificate of Analysis

Date of Testing: 2024-06-21 09:46:48  
Date of Next Testing: 2027-06-21 09:46:48  
Product Name: **L-dopa**  
CAS Number: 59-92-7  
Specifications & Purity:  $\geq 98\%$   
Lot #: F2411075  
SKU #: **D465042**  
Version: **1**  
Analysis #: **374482**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.66 %
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in } 1\text{mol/L HCl})$	-13 ~ -11 (°)	-11.22 °
Appearance(D465042)	White to off-white powder to crystal	White to Off-White Powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 M HCl	Almost transparency	almost transparency



John Su  
QA & QC Manager