

Certificate of Analysis

Date of Testing: 2025-07-25 11:49:29

Date of Next Testing: 2029-07-24 11:49:29

Product Name: **L-dopa**

CAS Number: 59-92-7

Specifications & Purity: Moligand™, ≥99%

Lot #: G2523259

SKU #: **D111048**

Version: **1**

Analysis #: **538571**

Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	53.7-55.9 (%)	54.11 %
Purity(HPLC)	99-100 (%)	99.90500 %
Nitrogen by Elemental Analysis	6.5-7.6 (%)	7.18 %
Specific Rotation [α] ₂₀ /D(c=5 in 1mol/L HCl)	-13--11 (°)	-11.10 °
Appearance (D111048)	White to Off-White Powder	White to Off-White Powder
Solubility in 0.5 M HCl , Colorless to Light Yellow Clear to Hazy(50mg/ml)	pass	Pass
Solubility in 1 M HCl	Almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager