

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2024-11-26 15:43:15
Date of Next Testing: 2028-11-25 15:43:15
Product Name: **L-dopa**
CAS Number: 59-92-7
Specifications & Purity: Moligand™, ≥99%
Lot #: K2425296
SKU #: **D111048**
Version: **1**
Analysis #: **437683**
Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	53.7-55.9 (%)	54.12900 %
Purity(HPLC)	99-100 (%)	99.97900 %
Specific Rotation [α] ₂₀ /D(c=5 in 1mol/L HCl)	-13--11 (°)	-11.66100 °
Nitrogen by Elemental Analysis	6.5-7.6 (%)	7.22300
Appearance (D111048)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
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

