

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2024-10-23 14:11:43

Date of Next Testing: 2027-10-23 14:11:43

Product Name: **L-3,4-Dihydroxyphenylalanine methyl ester hydrochloride**

CAS Number: 1421-65-4

Specifications & Purity: $\geq 98\%$

Lot #: J2421017

SKU #: **S93821**

Version: **0**

Analysis #: **425901**

Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.03800 %
Nitrogen by Elemental Analysis (anhydrous)	5.2-5.9 (%)	5.53 %
Specific Rotation $[\alpha]_{25}^D(c=2 \text{ in MeOH})$	9-11 ($^{\circ}$)	9.63 $^{\circ}$
3,4-Dihydroxy Phenylalanine(HPLC)	0-1 (%)	0.32 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to yellow, clear to slightly hazy 100mg/ml	pass	Pass
Appearance(S93821)	White to Off-White Powder	White to Off-White Powder

Quality Assurance : Xiaoyong Tan

Quality Control : Yunlei Zhu

