

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-06-04 11:53:04

Date of Next Testing: 2029-06-03 11:53:04

Product Name: **3-Nitro-L-tyrosine**

CAS Number: 621-44-3

Specifications & Purity: 98%

Lot #: E2529131

SKU #: **S49137**

Version: **0**

Analysis #: **519814**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.60000 %
Carbon by Elemental Analysis	46.6-49 (%)	46.60 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 1\text{mol/L HCl})$	2-4 (°)	3.90 °
Nitrogen by Elemental Analysis	12-12.8 (%)	12.00 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 N HCl , 50mg/ml	Clear yellow to yellow green solution	Clear yellow to yellow green solution
Appearance(S49137Color)	White to Amber	White to Amber
Appearance(S49137Form)	Powder to crystal	Powder to crystal

Quality Assurance : Xiaoyong Tan
Quality Control : Yunfei Zhu

