

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-09 13:23:40

Date of Next Testing: 2028-12-08 13:23:40

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

CAS Number: 621-44-3

Specifications & Purity: $\geq 98\%$

Lot #: C2116211

SKU #: **N111009**

Version: **0**

Analysis #: **445370**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.60000 %
Carbon by Elemental Analysis	46.6-49 (%)	46.60000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 1\text{mol/L HCl})$	2-4 (°)	3.90000 °
Nitrogen by Elemental Analysis	12-12.8 (%)	12.00100 %
Appearance (N111009Color)	White to Amber	White to Amber
Appearance (N111009Form)	Powder to crystal	Powder to crystal
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



John Su
QA & QC Manager