

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-14 09:57:45

Date of Next Testing: 2028-03-13 09:57:45

Product Name: **m-Fluoro-DL-tyrosine**

CAS Number: 403-90-7

Specifications & Purity: $\geq 99\%$

Lot #: C2405362

SKU #: **F113768**

Version: **2**

Analysis #: **319772**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	52.9-55.6 (%)	53.96000 %
Purity(HPLC)	98-100 (%)	99.94300 %
Specific Rotation $[\alpha]_{25/D}(c=1 \text{ in } 1\text{M HCl})$	-1-1 (°)	0.22000 °
Nitrogen by Elemental Analysis	6.7-7.3 (%)	6.90000 %
Melting point	266-280 (°C)	279.59000 °C
Appearance (F113768)	White powder	White powder
Solubility in 0.5 M HCl , Clear colorless solution at 50 mg/ml	Clear colorless solution at 50 mg/ml	Clear colorless solution at 50 mg/ml
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager