

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-17 10:40:21
 Date of Next Testing: 2027-04-16 10:40:21
 Product Name: **m-Fluoro-DL-tyrosine**
 CAS Number: 403-90-7
 Specifications & Purity: $\geq 99\%$
 Lot #: G1905084
 SKU #: **F113768**
 Version: **2**
 Analysis #: **212154**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	52.9-55.6 (%)	53.30000 %
Melting point	266-280 (°C)	279.97000 °C
Purity(HPLC)	98-100 (%)	99.57300 %
Specific Rotation $[\alpha]_{25/D}(c=1 \text{ in } 1\text{M HCl})$	-1-1 (°)	0.00000 °
Nitrogen by Elemental Analysis	6.7-7.3 (%)	7.10000 %
Appearance (F113768)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
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



John Su
QA & QC Manager