

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2026-03-19 15:07:07
Date of Next Testing: 2030-03-18 15:07:07
Product Name: **m-Fluoro-DL-tyrosine**
CAS Number: 403-90-7
Specifications & Purity: $\geq 99\%$
Lot #: F2202195
SKU #: **F113768**
Version: **1**
Analysis #: **671011**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	52.9-55.6 (%)	53.60000 %
Melting point	266-280 (°C)	279.50000 °C
Purity(HPLC)	98-100 (%)	99.71000 %
Specific Rotation $[\alpha]_{25/D}(c=1 \text{ in } 1\text{M HCl})$	-1-1 (°)	0.02100 °
Nitrogen by Elemental Analysis	6.7-7.3 (%)	6.90000 %
Appearance (F113768)	White to pale cream crystals or powder or solid	White to pale cream crystals or powder or solid
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

