

Certificate of Analysis

Date of Testing: 2025-01-20 12:44:54
 Date of Next Testing: 2027-01-20 12:44:54
 Product Name: **D-Tyrosine ethyl ester hydrochloride**
 CAS Number: 23234-43-7
 Specifications & Purity: $\geq 98\%$
 Lot #: D23061104
 SKU #: **D137119**
 Version: **0**
 Analysis #: **465069**

Parameter	Limit Values	Result
Purity	98-100 (%)	99.50 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in } H_2O)}$	6-7.5 ($^{\circ}$)	6.50 $^{\circ}$
Appearance (d137119)	Yellow to Tan Powder or Crystalline Solid	Yellow to Tan Powder or Crystalline Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager