

Certificate of Analysis

Date of Testing:	2023-09-13 09:50:25
Date of Next Testing:	2027-09-12 09:50:25
Product Name:	L-Tyrosine benzyl ester p-toluenesulfonate salt
CAS Number:	53587-11-4
Specifications & Purity:	98%
Lot #:	I2311180
SKU #	T111761
Analysis:	253910
Storage Temperature:	Store at -20°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in MeOH)	-15--12 (°)	-14.59°
Melting point	175-180 (°C)	179.87000 °C
Purity(HPLC)	98-100 (%)	99.25300 %
Appearance (T111761)	White to Almost white powder to crystal	White to Almost white powder to crystal
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager