

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2023-09-13 10:07:57
Date of Next Testing:	2027-09-12 10:07:57
Product Name:	<b>L-Tyrosine benzyl ester p-toluenesulfonate salt</b>
CAS Number:	53587-11-4
Specifications & Purity:	98%
Lot #:	I2311757
SKU #	<b>T111761</b>
<b>Analysis:</b>	<b>253910</b>
Storage Temperature:	Store at -20°C

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /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