

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-06-20 17:10:18
Date of Next Testing:	2027-06-20 17:10:18
Product Name:	<b>N-(tert-Butoxycarbonyl)-trans-4-(p-toluenesulfonyloxy)-L-proline Methyl Ester</b>
CAS Number:	88043-21-4
Specifications & Purity:	≥98% (HPLC)
Lot #:	H2118219
SKU #	<b>T137714</b>
Version	<b>0</b>
<b>Analysis #:</b>	<b>373232</b>
Storage Temperature:	Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=0.7 in CHCl <sub>3</sub> )	-38--33 (°)	-37.90°
Purity(HPLC)	98-100 (%)	99.50000 %
Appearance (T137714)	White to Orange to Green powder to crystal	White to Orange to Green powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager