

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-08 14:43:54
 Date of Next Testing: 2028-03-07 14:43:54
 Product Name: **L-Threonine tert-Butyl Ester Hydrochloride**
 CAS Number: 69320-90-7
 Specifications & Purity: $\geq 95\%$
 Lot #: F2001022
 SKU #: **S161266**
 Version: **0**
 Analysis #: **327475**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	-13--9 ($^{\circ}$)	-12.20300 $^{\circ}$
Purity (Argentmetric Titration)	94.5-105.5 (%)	103.10000 %
Appearance (S161266)	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