

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-23 17:33:16
Date of Next Testing: 2028-07-22 17:33:16
Product Name: **L-Threonine methyl ester hydrochloride**
CAS Number: 39994-75-7
Specifications & Purity: $\geq 98\%$
Lot #: G2419392
SKU #: **T117005**
Version: **2**
Analysis #: **371026**
Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.54600 %
Specific Rotation $[\alpha]_{20}^D(c=1 \text{ in MeOH})$	-10.5--6.5 ($^{\circ}$)	-6.93700 $^{\circ}$
Purity(Titration by AgNO_3)	97.5-102.5 (%)	100.58000 %
Appearance (T117005Color)	Colourless to White to Yellow	Colourless to White to Yellow
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (T117005Form)	Powder and solid or Viscous liquid or liquid	Powder and solid or Viscous liquid or liquid



John Su
QA & QC Manager