

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-19 17:06:03

Date of Next Testing: 2026-02-18 17:06:03

Product Name: **O-tert-Butyl-L-serine methyl ester hydrochloride**

CAS Number: 17114-97-5

Specifications & Purity: $\geq 98\%$

Lot #: B2216129

SKU #: **B117004**

Version: **1**

Analysis #: **063106**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.88500 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	6.5-8.5 (°)	7.91800 °
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Appearance (B117004)	white to light yellow powder to crystal	White to Light yellow powder to crystal



John Su
QA & QC Manager