

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-29 13:23:43

Date of Next Testing: 2027-05-28 13:23:43

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

CAS Number: 17114-97-5

Specifications & Purity: $\geq 98\%$

Lot #: E2325200

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