

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-27 18:34:40
 Date of Next Testing: 2027-02-26 18:34:40
 Product Name: **D-Proline tert-Butyl Ester Hydrochloride**
 CAS Number: 184719-80-0
 Specifications & Purity: $\geq 98\%$
 Lot #: B2324544
 SKU #: **S161268**
 Version: **1**
 Analysis #: **161226**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	98.63500 %
Specific rotation $[\alpha]_{20/D(C=1,H_2O)}$	25-35 (°)	30.50600 °
Purity(Nonaqueous Titration)	97.5-102.5 (%)	100.00000 %
Appearance(S161268)	White to Almost white powder to crystal	White to Almost white powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager