

Certificate of Analysis

Date of Testing: 2023-02-27 18:46:48

Date of Next Testing: 2027-02-26 18:46:48

Product Name: **D-Proline tert-Butyl Ester Hydrochloride**

CAS Number: 184719-80-0

Specifications & Purity: 98%

Lot #: B2324634

SKU #: **S161268**

Analysis: **161226**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	98.64 %
Specific rotation [α] _{20/D(C=1,H₂O)}	25-35 (°)	30.50600 °
Purity(Nonaqueous Titration)	97.5-102.5 (%)	100.00 %
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