

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-07 16:19:35

Date of Next Testing: 2029-01-06 16:19:35

Product Name: **L-Proline benzyl ester hydrochloride**

CAS Number: 16652-71-4

Specifications & Purity: $\geq 98\%$

Lot #: E1321085

SKU #: **P113141**

Version: **1**

Analysis #: **458522**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	-45--43 (°)	-43.31800 °
Melting point	142-148 (°C)	145.34800 °C
Purity(HPLC)	98-100 (%)	98.10000 %
Substances not precipitated by ammonia	0-0.5 (%)	0.19000 %
Appearance (P113141)	White crystal powder	White crystal powder
TLC Analysis	One spot	One spot
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager