

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-02 11:39:39

Date of Next Testing: 2028-07-01 11:39:39

Product Name: **N-Cbz-DL-proline**

CAS Number: 5618-96-2

Specifications & Purity: $\geq 98\%$

Lot #: F2525536

SKU #: **Z346674**Version: **2**Analysis #: **450302**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.49 %
Specific Rotation $[\alpha]_{20/D}(C=1.00 \text{ g}/100\text{ml, ETOH})$	-1~1 (°)	0.52900 °
Appearance(Z346674)	White to off-white (Solid)	White to off-white (Solid)
LC-MS for identification	Conforms	Conforms
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".John Su
QA & QC Manager