

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-25 09:07:36
Date of Next Testing: 2027-01-24 09:07:36
Product Name: (S)-2-(((Benzyloxy)carbonyl)amino)pent-4-enoic acid
CAS Number: 78553-51-2
Specifications & Purity: 97%
Lot #: A2419651
SKU #: S195062
Analysis: 167154

| Parameter | Limit Values | Result |
|----------------------------------------------------------|-----------------------|-----------------------|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$ | 11-15 ($^{\circ}$) | 14.34 $^{\circ}$ |
| Purity | 98-100 (%) | 97.01% |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager