

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-20 19:09:17

Date of Next Testing: 2026-09-19 19:09:17

Product Name: 4-Nitrobenzyl (2S,4S)-2-(Dimethylcarbamoyl)-4-mercapto-1-pyrrolidinecarboxylate

CAS Number: 96034-64-9

Specifications & Purity:  $\geq 95\%$

Lot #: K1830059

SKU #: N159260

Version: 0

Analysis #: 137658

Storage Temperature: Room temperature

| Parameter                                                  | Limit Values                   | Result                       |
|------------------------------------------------------------|--------------------------------|------------------------------|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$ | 8-10 ( $^{\circ}$ )            | 9.87000 $^{\circ}$           |
| Purity(HPLC)                                               | 95-100 (%)                     | 99.09070 %                   |
| Melting point                                              | 117-121 ( $^{\circ}\text{C}$ ) | 120.86200 $^{\circ}\text{C}$ |
| Proton NMR spectrum                                        | Conforms to Structure          | Conforms to Structure        |



John Su  
QA & QC Manager