

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-14 13:13:00  
 Date of Next Testing: 2027-07-13 13:13:00  
 Product Name: (S)-(-)-Indoline-2-carboxylic acid  
 CAS Number: 79815-20-6  
 Specifications & Purity: ≥99%  
 Lot #: G2310269  
 SKU #: I115487  
 Version: 1  
 Analysis #: 252178  
 Storage Temperature: Room temperature

| Parameter                                             | Limit Values          | Result                |
|-------------------------------------------------------|-----------------------|-----------------------|
| Specific Rotation [α] <sub>20/D</sub> (c=1 in 1N HCl) | -117--108 (°)         | -112.35700 °          |
| Purity(HPLC area)                                     | 99-100 (%)            | 99.76500 %            |
| Appearance (I115487)                                  | Beige to brown powder | Beige to brown powder |
| Infrared spectrum                                     | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager