

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                         |
|--------------------------|-------------------------------------------------------------------------|
| Date of Testing:         | 2024-11-05 14:53:29                                                     |
| Date of Next Testing:    | 2027-11-05 14:53:29                                                     |
| Product Name:            | 4,5,6,7-Tetrahydrothieno[3,2-c]pyridine-2-carboxylic acid hydrochloride |
| CAS Number:              | 116118-99-1                                                             |
| Specifications & Purity: | ≥95%                                                                    |
| Lot #:                   | K2404592                                                                |
| SKU #                    | T189859                                                                 |
| Version                  | 1                                                                       |
| Analysis #:              | 416729                                                                  |
| Storage Temperature:     | Store at 2-8°C                                                          |

| Parameter                | Limit Values                       | Result                             |
|--------------------------|------------------------------------|------------------------------------|
| Purity(HPLC area)        | 95-100 (%)                         | 99.08100 %                         |
| NMR Spectrum 1H          | Conforms to Structure              | Conforms to Structure              |
| LC-MS for identification | Conforms                           | Conforms                           |
| Appearance(T189859)      | White to off-white to yellow Solid | White to off-white to yellow solid |



John Su  
QA & QC Manager