

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                                  |
|--------------------------|----------------------------------------------------------------------------------|
| Date of Testing:         | 2025-03-12 16:35:38                                                              |
| Date of Next Testing:    | 2028-03-11 16:35:38                                                              |
| Product Name:            | <b>5-Methyl-2-[(2-nitrophenyl)amino]-3-thiophenecarboxylic Acid Methyl Ester</b> |
| CAS Number:              | 72242-31-0                                                                       |
| Specifications & Purity: | ≥95%                                                                             |
| Lot #:                   | C2504138                                                                         |
| SKU #                    | <b>M339521</b>                                                                   |
| Version                  | <b>1</b>                                                                         |
| <b>Analysis #:</b>       | <b>173195</b>                                                                    |
| Storage Temperature:     | Room temperature                                                                 |

| Parameter                | Limit Values          | Result                |
|--------------------------|-----------------------|-----------------------|
| Purity(HPLC area)        | 95-100 (%)            | 99.77800 %            |
| NMR Spectrum 1H          | Conforms to Structure | Conforms to Structure |
| LC-MS for identification | Conforms              | Conforms              |



John Su  
QA & QC Manager