

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                    |
|--------------------------|--------------------------------------------------------------------|
| Date of Testing:         | 2025-06-27 16:52:54                                                |
| Date of Next Testing:    | 2028-06-26 16:52:54                                                |
| Product Name:            | <b>Ethyl 1,4,5,6-tetrahydrocyclopenta[c]pyrazole-3-carboxylate</b> |
| CAS Number:              | 5932-31-0                                                          |
| Specifications & Purity: | ≥97%                                                               |
| Lot #:                   | F2519120                                                           |
| SKU #                    | <b>E420043</b>                                                     |
| Version                  | <b>1</b>                                                           |
| Analysis #:              | <b>535260</b>                                                      |

| Parameter           | Limit Values          | Result                |
|---------------------|-----------------------|-----------------------|
| Purity(GC)          | 97-100 (%)            | 98.72 %               |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager