

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                        |
|--------------------------|----------------------------------------|
| Date of Testing:         | 2024-06-05 14:58:07                    |
| Date of Next Testing:    | 2026-06-05 14:58:07                    |
| Product Name:            | <b>5-Bromo-2-Thiophenecarbonitrile</b> |
| CAS Number:              | 2160-62-5                              |
| Specifications & Purity: | ≥97%                                   |
| Lot #:                   | I2215031                               |
| SKU #                    | <b>B137524</b>                         |
| Version                  | <b>0</b>                               |
| <b>Analysis #:</b>       | <b>364826</b>                          |
| Storage Temperature:     | Room temperature                       |

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Purity(HPLC)                        | 97-100 (%)                 | 99.10000 %                 |
| Refractive index n <sub>20</sub> /D | 1.617-1.621                | 1.61800                    |
| Density (20°C)                      | 1.733-1.737                | 1.73400                    |
| Appearance (B137524)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Proton NMR spectrum                 | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager