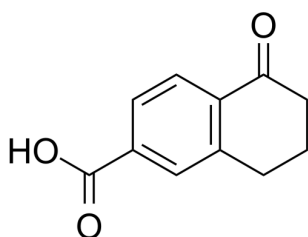


## Certificate of Analysis

### Compound Information

|                     |                                                       |
|---------------------|-------------------------------------------------------|
| Product Name:       | 5-Oxo-5,6,7,8-tetrahydronaphthalene-2-carboxylic acid |
| Cat. No.:           | 1065931                                               |
| CAS No.:            | 3470-46-0                                             |
| Molecular Formula:  | C <sub>11</sub> H <sub>10</sub> O <sub>3</sub>        |
| Molecular Weight:   | 190.20                                                |
| Chemical Structure: |                                                       |



### Batch Information

|              |                           |
|--------------|---------------------------|
| Batch No.:   | Lc1216071                 |
| Storage:     | Store at room temperature |
| Mfg. Date:   | 2019-12-20                |
| Retest Date: | 2024-12-19                |
| Origin:      | Shanghai, China           |

### QC Summary

|                              |                                                                         |
|------------------------------|-------------------------------------------------------------------------|
| Appearance:                  | Off-white to yellow (Solid)                                             |
| <sup>1</sup> H NMR Spectrum: | Consistent with structure                                               |
| Purity (NMR):                | 96.15%                                                                  |
| Conclusion:                  | The product has been tested and complies with the given specifications. |

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: [product@leyan.com](mailto:product@leyan.com)

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai