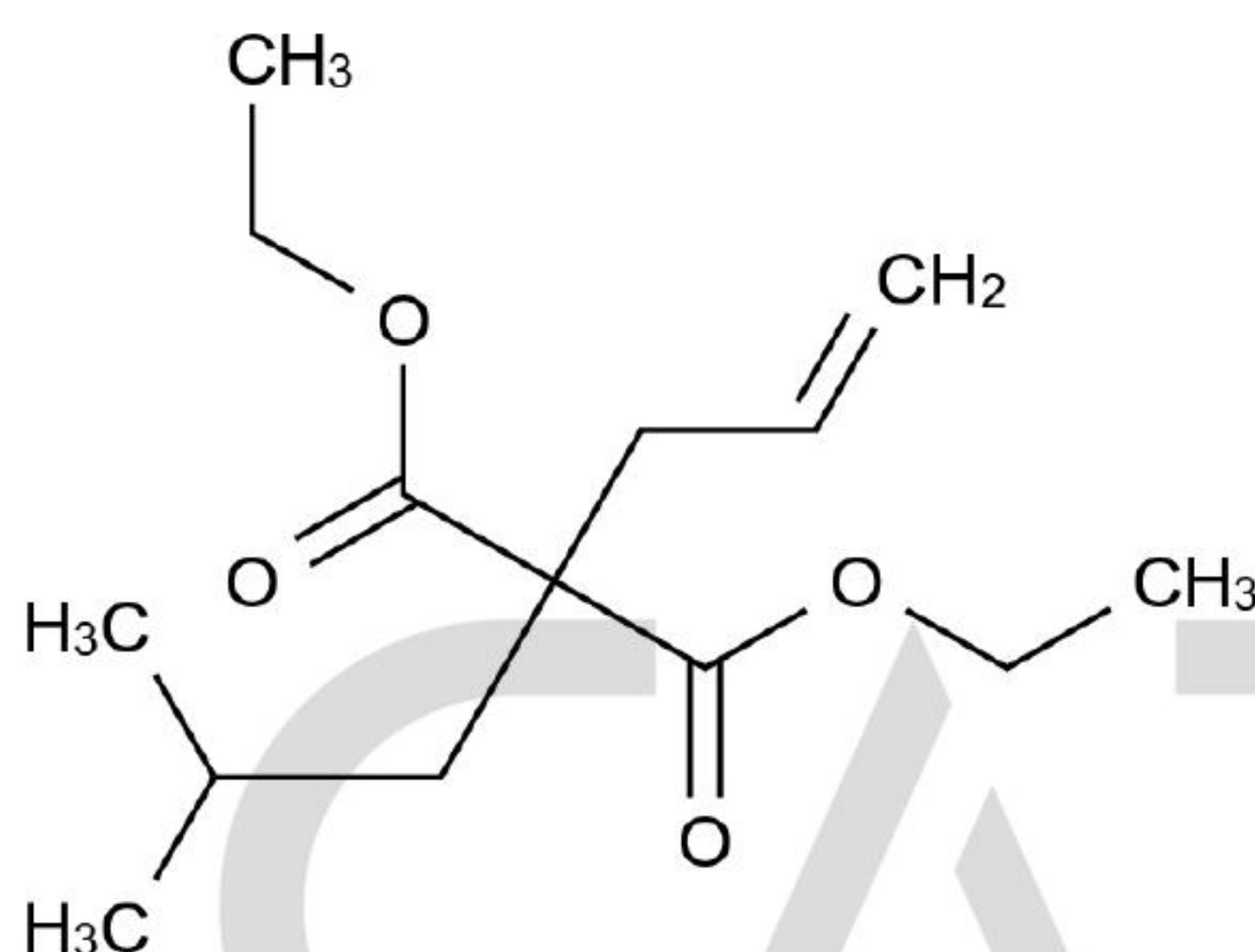


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                |                   |                                           |
|--------------------|------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Butalbital Impurity 6                          | Catalogue Number: | C4X-19836                                 |
| Synonyms:          | N/A                                            | Lot Number:       | 0701-RF-0064                              |
| CAS Number:        | 59726-40-8                                     | Expiry Date:      | Jul 02, 2027                              |
| Molecular Formula: | C <sub>14</sub> H <sub>24</sub> O <sub>4</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 256.34                                         |                   |                                           |

## Chemical Structure:



| Test Items     | Method            | Results           |
|----------------|-------------------|-------------------|
| Appearance     | Visual inspection | Colourless Liquid |
| Identification | LCMS&HNMR         | Confirmed         |
| Purity         | HPLC              | 97.1%             |
| Assay          | qNMR              | 96.9%             |

## Comment:

Assay was determined by quantitative <sup>1</sup>H-NMR.

## Signature:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Jul 15, 2024

Date: Jul 15, 2024

Date: Jul 15, 2024

