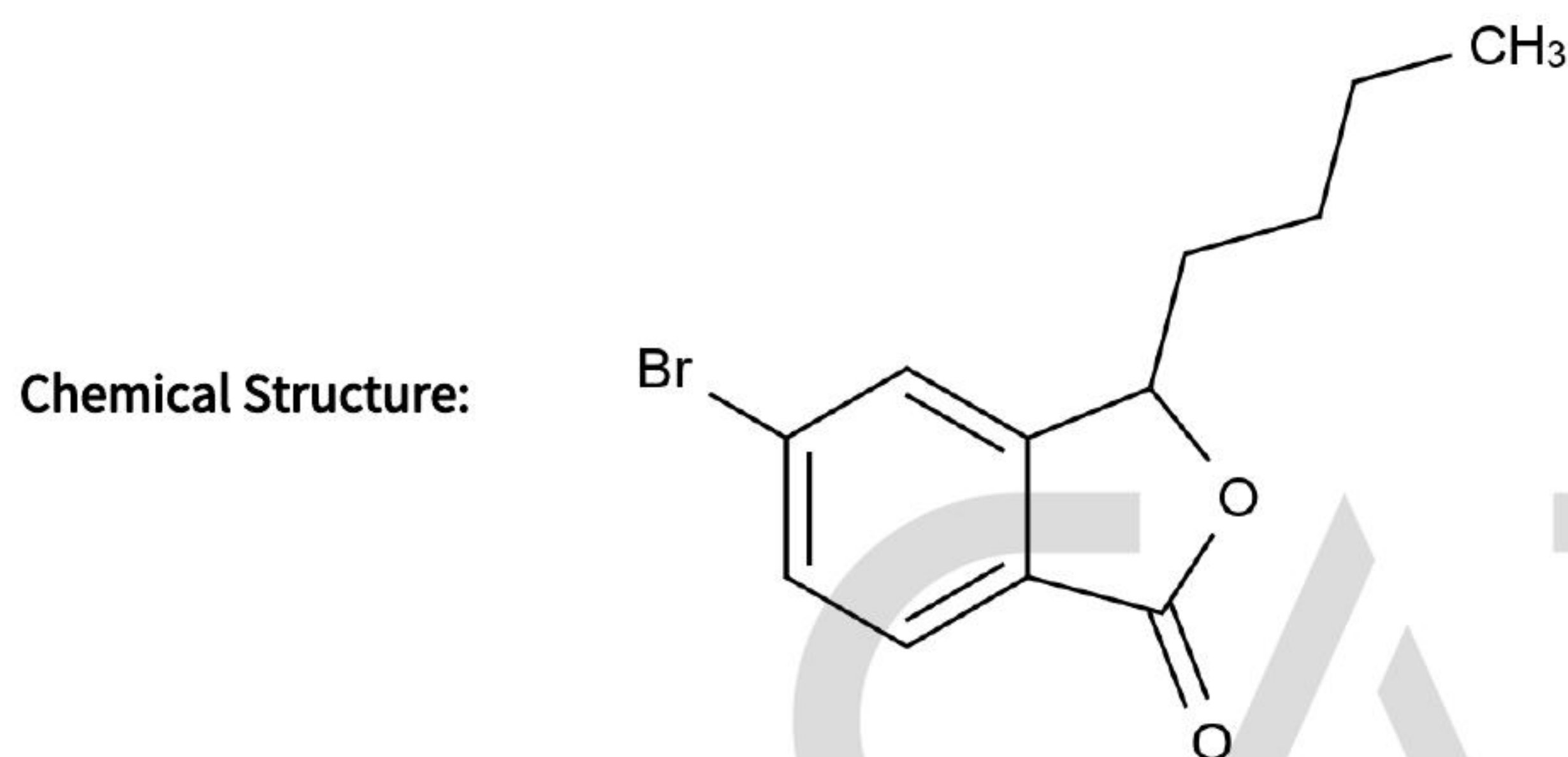


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                  |                   |                                           |
|--------------------|--------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Butylphthalide Impurity 63                       | Catalogue Number: | C4X-181363                                |
| Synonyms:          | N/A                                              | Lot Number:       | 1228-RE-0071                              |
| CAS Number:        | 950681-35-3                                      | Expiry Date:      | Dec 27, 2026                              |
| Molecular Formula: | C <sub>12</sub> H <sub>13</sub> BrO <sub>2</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 269.13                                           |                   |                                           |



| Test Items     | Method            | Results            |
|----------------|-------------------|--------------------|
| Appearance     | Visual inspection | Light Orange Solid |
| Identification | GCMS&HNMR         | Confirmed          |
| Purity         | HPLC              | 99.5%              |
| Assay          | qNMR              | 96.4%              |

## Comment:

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

## Signature:

Prepared by:

*Koi*

Reviewed by:

*Lisa*

Aporoved by General Manager:

*David*

Date: Dec 29, 2023

Date: Dec 29, 2023

Date: Dec 29, 2023

