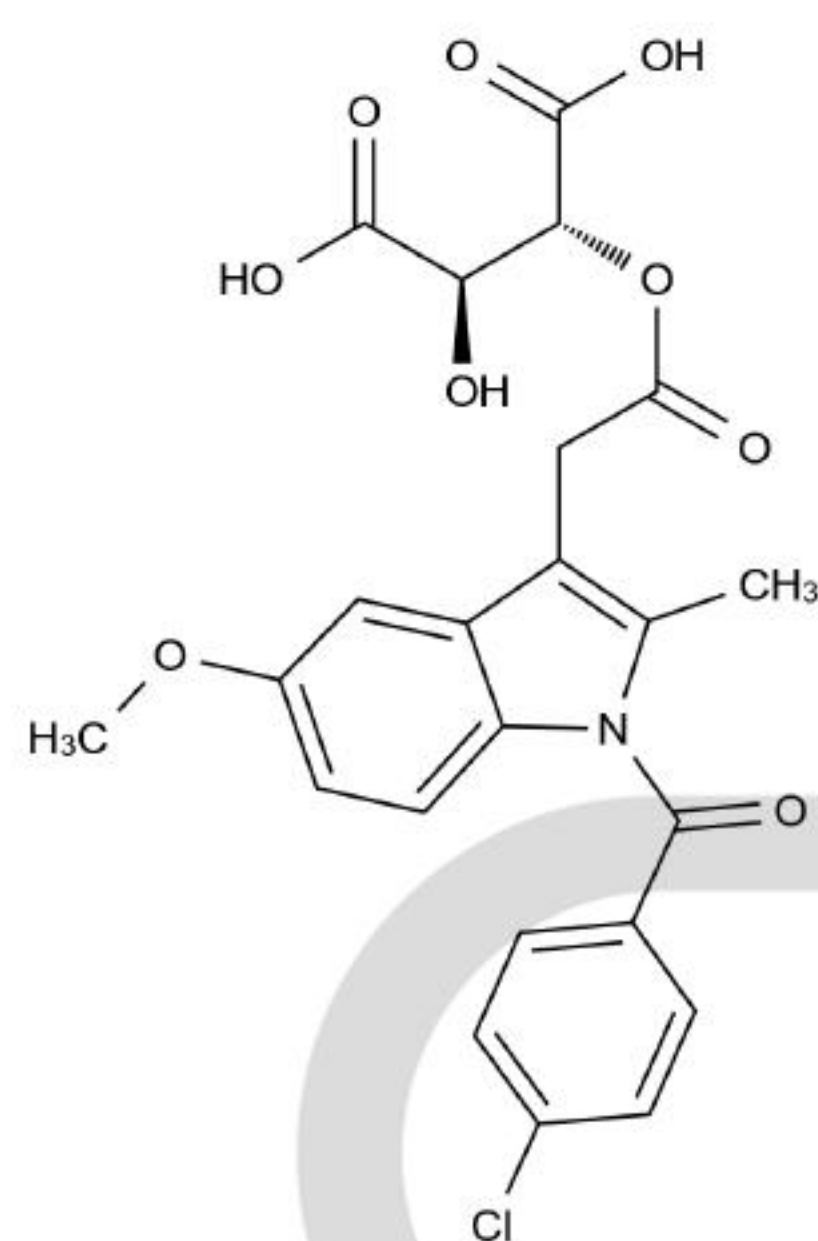


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                   |                          |                                           |
|---------------------------|---------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Indometacin Impurity 43                           | <b>Catalogue Number:</b> | C4X-147043                                |
| <b>Synonyms:</b>          | N/A                                               | <b>Lot Number:</b>       | 0702-RG-0014                              |
| <b>CAS Number:</b>        | N/A                                               | <b>Expiry Date:</b>      | Jul 10, 2029                              |
| <b>Molecular Formula:</b> | C <sub>23</sub> H <sub>20</sub> ClNO <sub>9</sub> | <b>Storage:</b>          | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 489.86                                            |                          |                                           |

### Chemical Structure:



| Test Items     | Method            | Results            |
|----------------|-------------------|--------------------|
| Appearance     | Visual inspection | Light Yellow Solid |
| Identification | LCMS&HNMR         | Confirmed          |
| Purity         | HPLC              | 98.374%            |
| Loss On Drying | TGA               | 5.8776%            |
| Assay          |                   | 92.6%              |

### Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) \* Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

### Signature:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Jul 11, 2025

Date: Jul 11, 2025

Date: Jul 11, 2025

