

# Certificate of Analysis

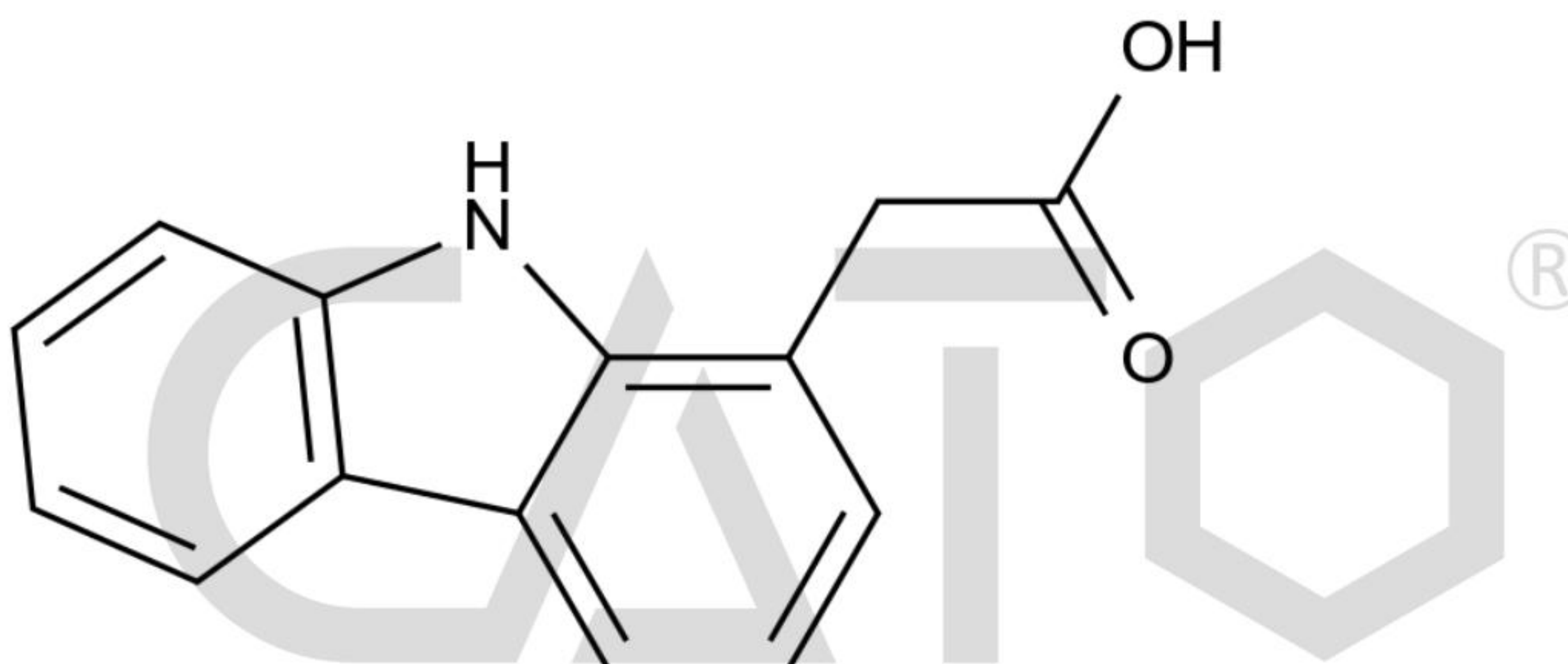
## Reference Material & Standard

|                    |                                                 |                   |                                           |
|--------------------|-------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Diclofenac Impurity N1                          | Catalogue Number: | C1208190                                  |
| Synonyms:          | N/A                                             | Lot Number:       | 0904-RG-0061                              |
| CAS Number:        | 131023-43-3                                     | Expiry Date:      | Sep 08, 2029                              |
| Molecular Formula: | C <sub>14</sub> H <sub>11</sub> NO <sub>2</sub> | Storage:          | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 225.24                                          |                   |                                           |

Warning:



Chemical Structure:



| Test Items     | Method            | Results    |
|----------------|-------------------|------------|
| Appearance     | Visual inspection | Grey Solid |
| Identification | LCMS&HNMR         | Confirmed  |
| Purity         | HPLC              | 98.38%     |
| Loss On Drying | TGA               | 0.1413%    |
| Assay          |                   | 98.2%      |

## Comment:

The calculation of the mass balance 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:

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Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Sep 09, 2025

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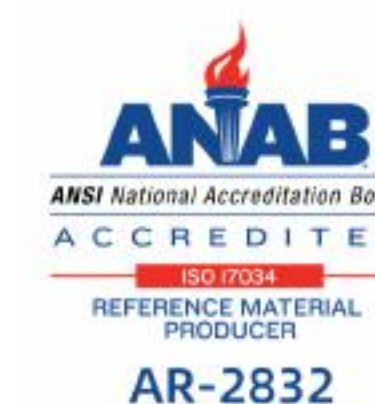
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