

Certificate of Analysis

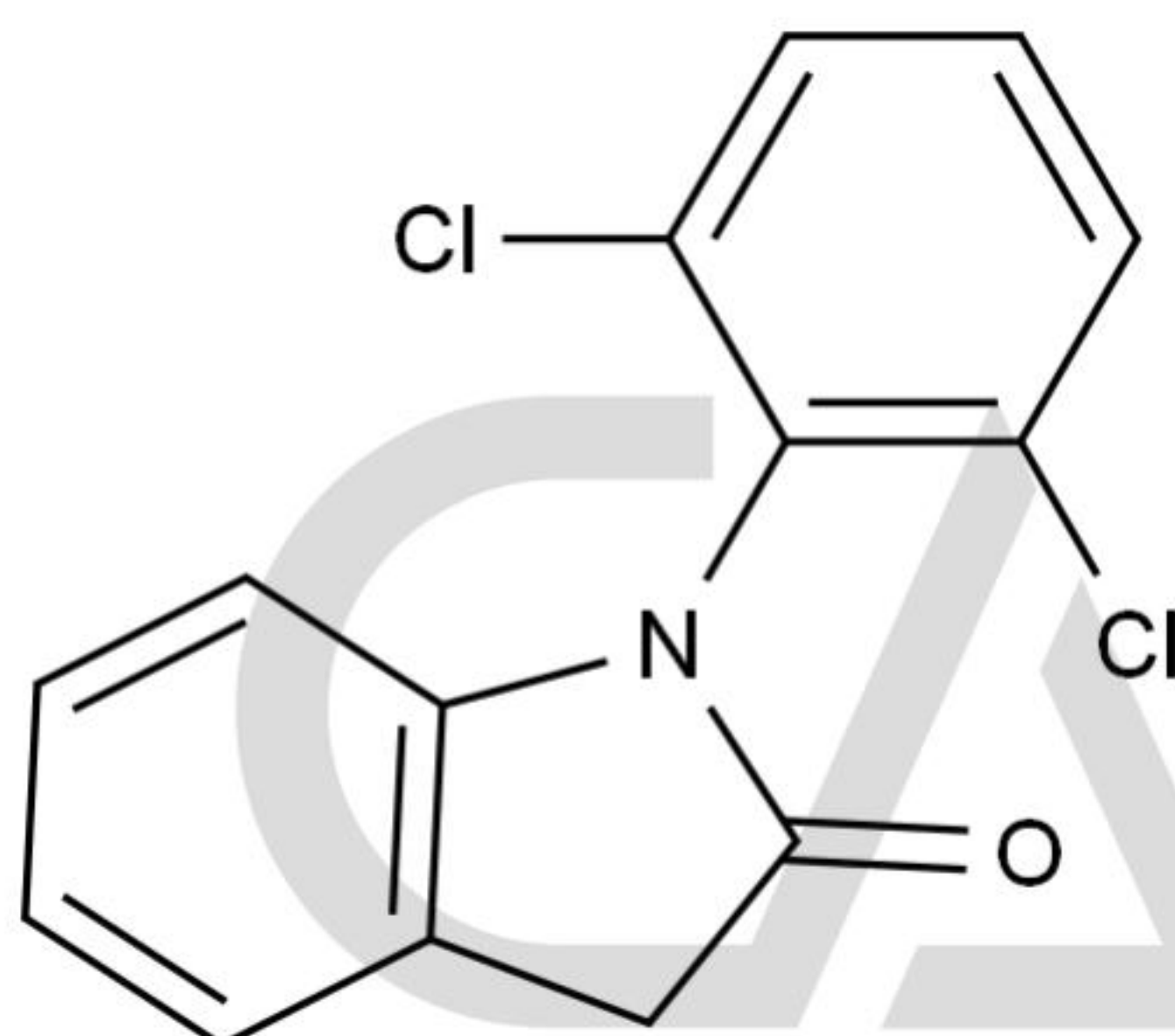
Reference Material & Standard

Product Name:	Diclofenac EP Impurity A	Catalogue Number:	C4X-10516
Synonyms:	Diclofenac USP Related Compound A/Aceclofenac EP Impurity I	Lot Number:	0202-RH-0117
CAS Number:	15362-40-0	Expiry Date:	Feb 02, 2030
Molecular Formula:	C ₁₄ H ₉ Cl ₂ NO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	278.13	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Dark Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.990%
Loss On Drying	TGA	2.1524%
Assay		96.9%

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:

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Reviewed by:

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Approved by General Manager:

David

Date: Feb 03, 2026

Date: Feb 04, 2026

Date: Feb 04, 2026



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