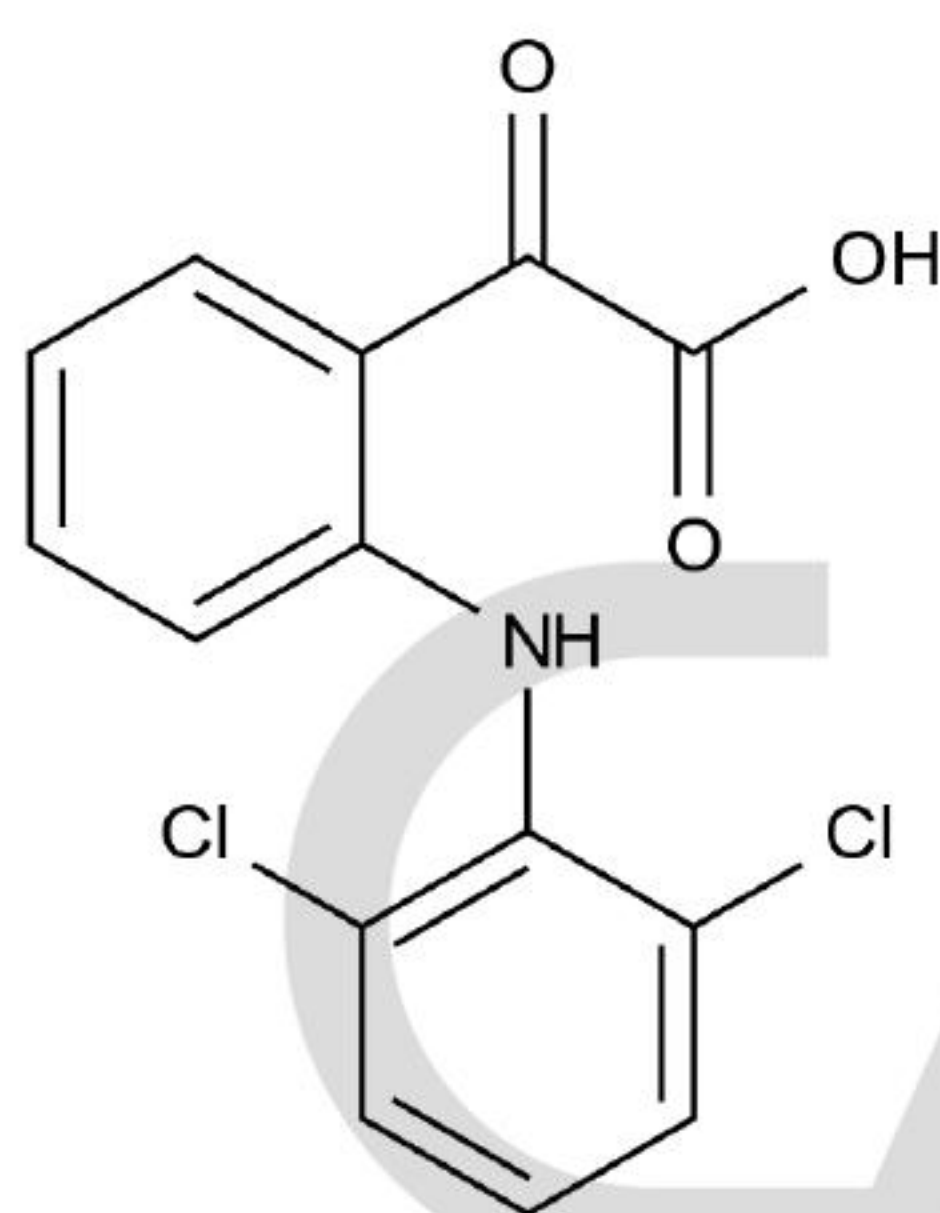


Certificate of Analysis

Reference Material & Standard

Product Name:	Diclofenac sodium Impurity 48	Catalogue Number:	C4X-105148
Synonyms:	N/A	Lot Number:	1109-RG-0082
CAS Number:	66156-75-0	Expiry Date:	Nov 11, 2029
Molecular Formula:	C ₁₄ H ₉ Cl ₂ NO ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	310.13	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	6.4076%
Assay		93.6%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Nov 12, 2025

Date: Nov 12, 2025

Date: Nov 12, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

