

Certificate of Analysis

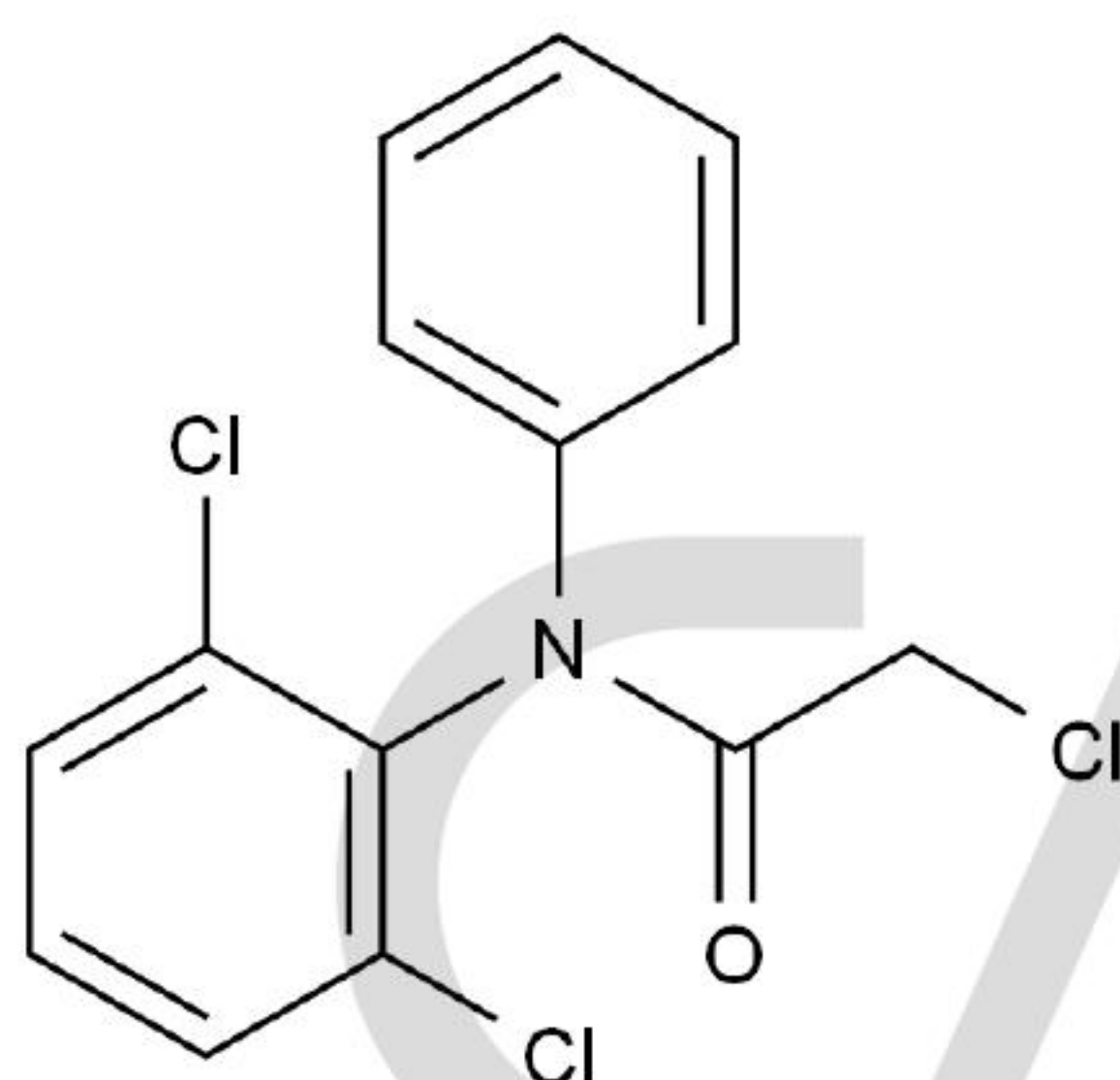
Reference Material & Standard

Product Name:	Diclofenac sodium Impurity 37	Catalogue Number:	C4X-105137
Synonyms:	2-Chloro-N-(2,6-dichlorophenyl)-N-phenylacetamide	Lot Number:	1119-RC-0008
CAS Number:	15308-01-7	Expiry Date:	Apr 07, 2030
Molecular Formula:	C ₁₄ H ₁₀ Cl ₃ NO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	314.59	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Purple Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.901%
Loss on Drying	TGA	0.0153%
Assay		99.9%

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:

Prepared by:

Koi

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Apr 08, 2026

Date: Apr 08, 2026

Date: Apr 08, 2026



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>

