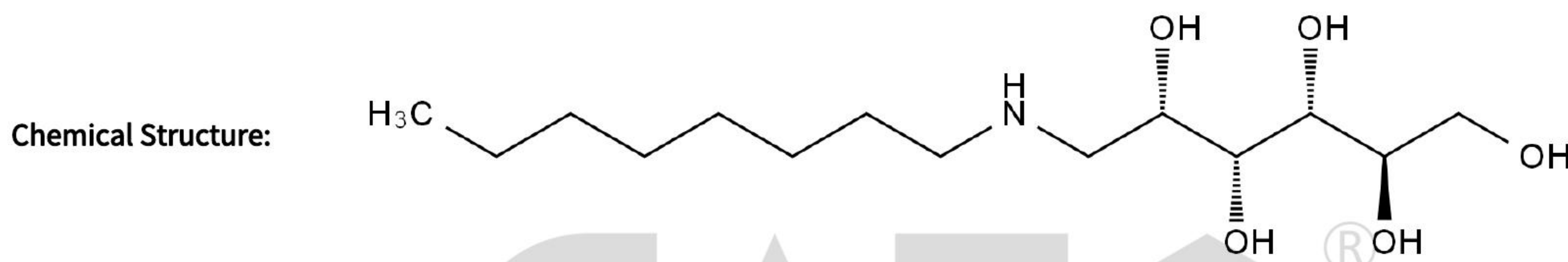


Certificate of Analysis

Reference Material & Standard

Product Name:	Ketoprofen Impurity 31	Catalogue Number:	C4X-147131
Synonyms:	N/A	Lot Number:	0312-RG-0059
CAS Number:	23323-37-7	Expiry Date:	Aug 19, 2029
Molecular Formula:	C ₁₄ H ₃₁ NO ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	293.40	Shipping Condition:	Shipping at Room Temperature



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	ELSD	100.000%
Loss on Drying	TGA	0.0127%
Assay		99.99%

Comment:

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

Assay (%) = (100% - Loss on Drying) * Purity ELSD (%) / 100%

Loss on Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: May 28, 2026

Date: May 28, 2026

Date: May 28, 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>

