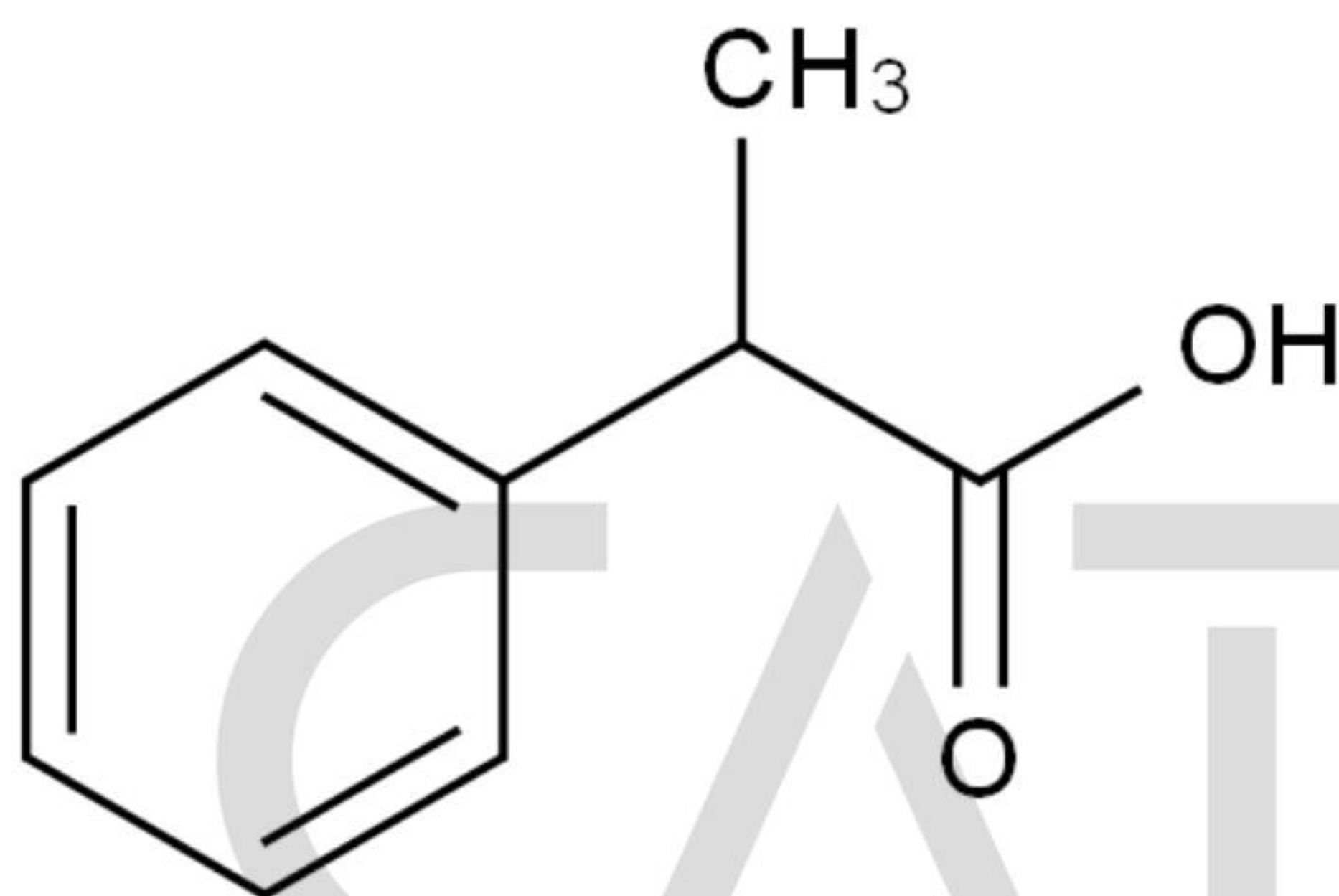


Certificate of Analysis

Reference Material & Standard

Product Name:	Loxoprofen Impurity 21	Catalogue Number:	C4X-148821
Synonyms:	N/A	Lot Number:	1012-RF-0071
CAS Number:	492-37-5	Expiry Date:	Oct 14, 2027
Molecular Formula:	C ₉ H ₁₀ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	150.17	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.610%
Loss On Drying	TGA	0.4364%
Assay		98.2%

Comment:

The calculation of the 100% 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: Oct 15, 2024

Date: Oct 15, 2024

Date: Oct 15, 2024

