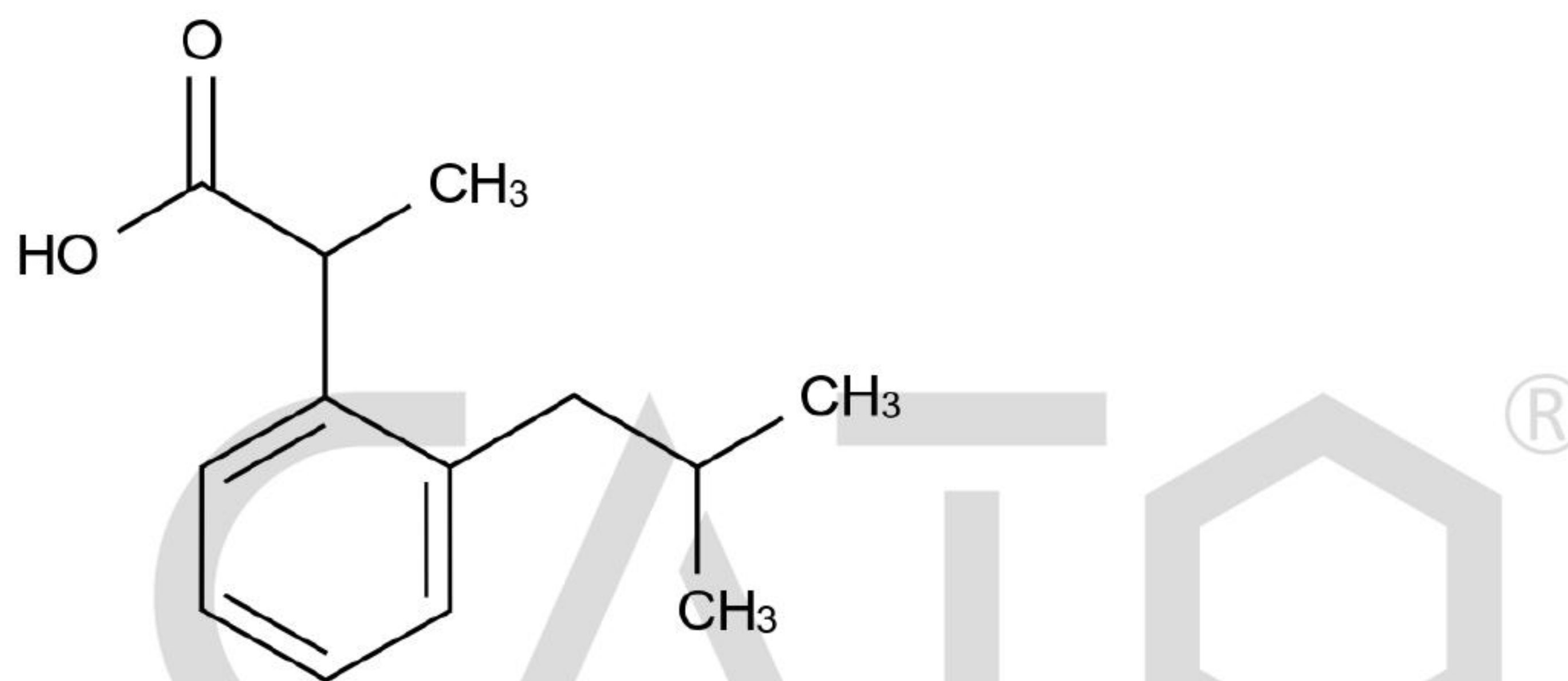


Certificate of Analysis

Reference Material & Standard

Product Name:	Ibuprofen Impurity 145	Catalogue Number:	C4X-1082145
Synonyms:	N/A	Lot Number:	0710-RG-0062
CAS Number:	69363-33-3	Expiry Date:	Feb 01, 2027
Molecular Formula:	C ₁₃ H ₁₈ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	206.28		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.0048%
Loss On Drying	TGA	0.596%
Assay		94.4%

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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jul 10, 2025

Date: Jul 11, 2025

Date: Jul 11, 2025

