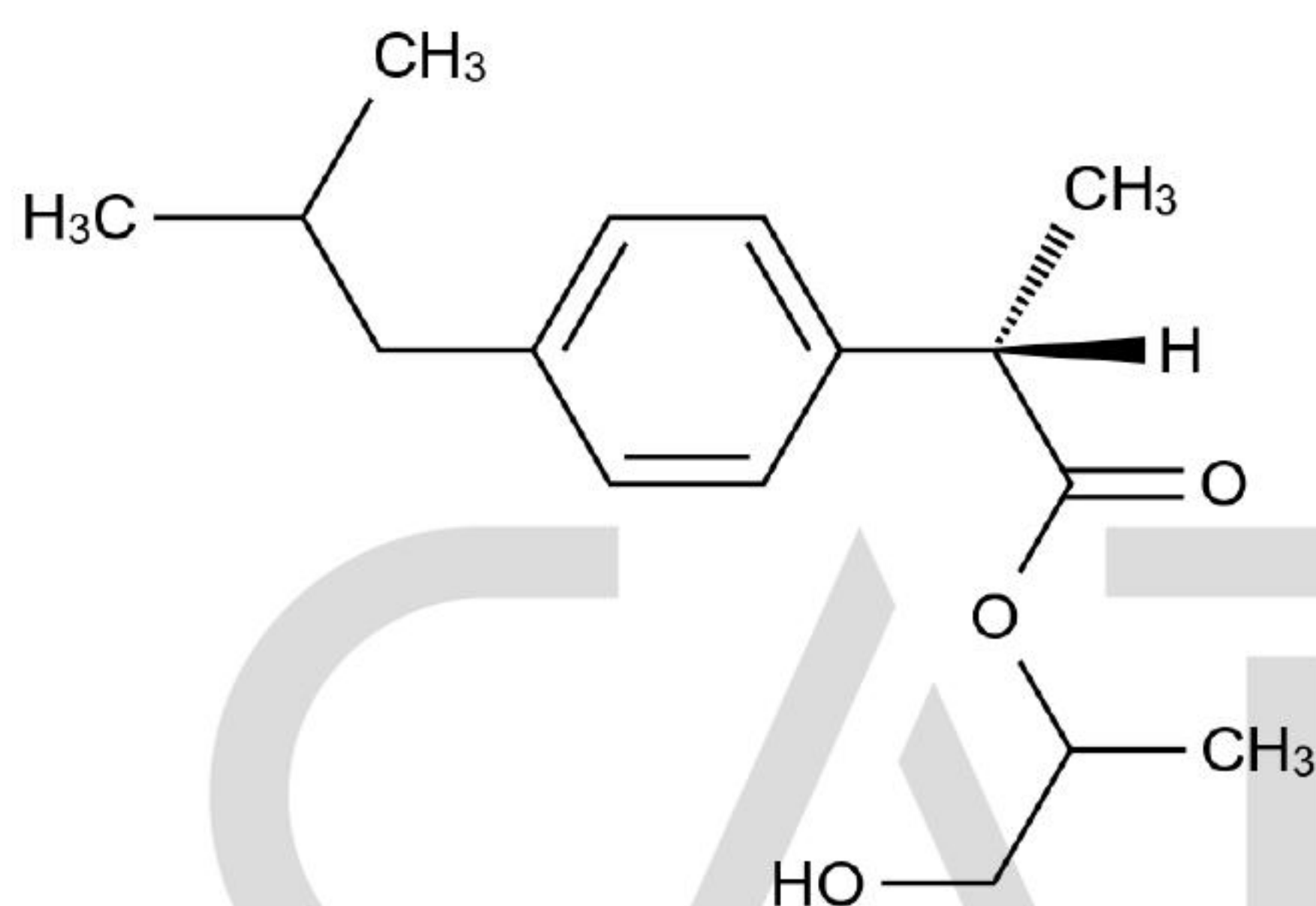


Certificate of Analysis

Reference Material & Standard

Product Name:	Ibuprofen impurity 122	Catalogue Number:	C4X-1082122
Synonyms:	N/A	Lot Number:	0708-RF-0066
CAS Number:	N/A	Expiry Date:	Jul 10, 2027
Molecular Formula:	C ₁₆ H ₂₄ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	264.36		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Sticky Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.181%
Loss On Drying	TGA	0.3432%
Assay		98.8%

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: Jul 11, 2024

Date: Jul 11, 2024

Date: Jul 11, 2024

