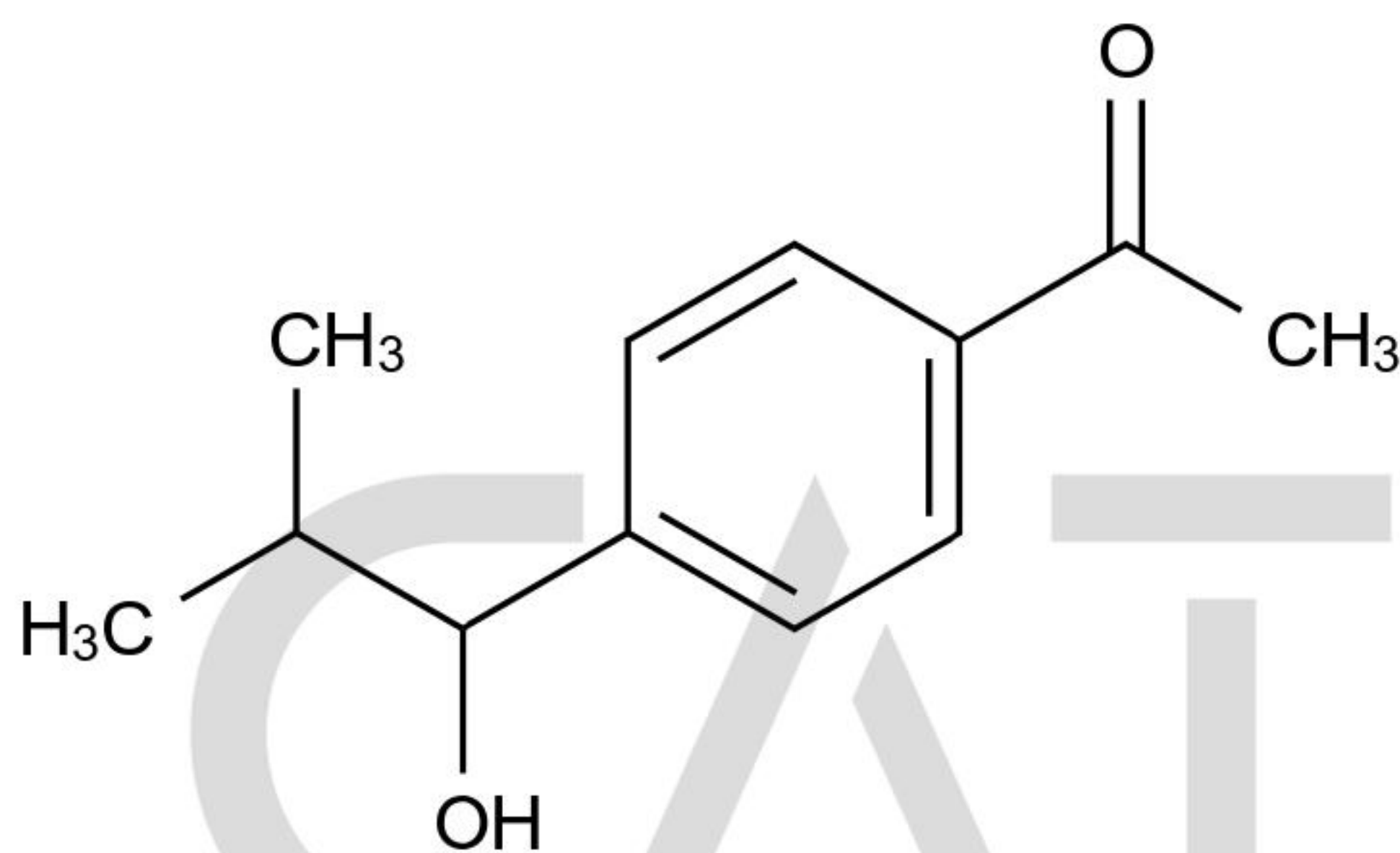


Certificate of Analysis

Reference Material & Standard

Product Name:	Ibuprofen Impurity	Catalogue Number:	C4X-1082114
Synonyms:	N/A	Lot Number:	0303-RG-0018
CAS Number:	1314907-71-5	Expiry Date:	Mar 04, 2028
Molecular Formula:	C ₁₂ H ₁₆ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	192.25	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.627%
Loss On Drying	TGA	1.8491%
Assay		97.8%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity GC (%) / 100%

Loss On Drying is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 05, 2025

Date: Mar 05, 2025

Date: Mar 05, 2025

