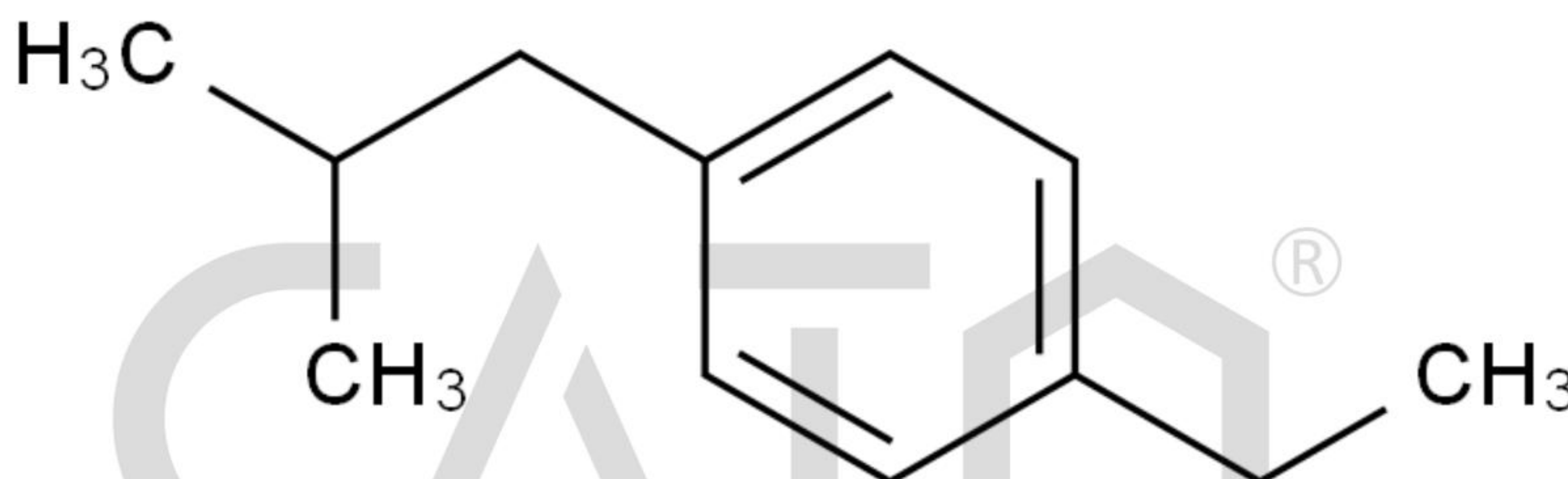


Certificate of Analysis

Reference Material & Standard

Product Name:	Ibuprofen Impurity 5	Catalogue Number:	CP100132
Synonyms:	N/A	Lot Number:	0819-RH-0084
CAS Number:	100319-40-2	Expiry Date:	Aug 23, 2030
Molecular Formula:	C ₁₂ H ₁₈	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	162.27	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	98.899%
Water Content	Karl Fischer	0.4321%
Assay		98.5%

Comment:

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

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content 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: Aug 24, 2026

Date: Aug 24, 2026

Date: Aug 24, 2026



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