

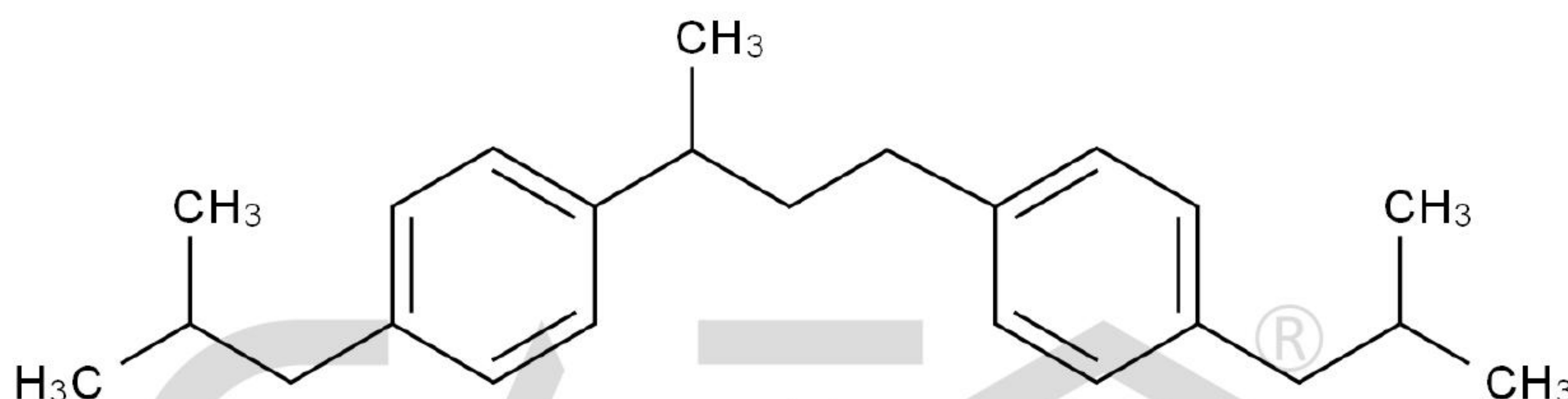
Certificate of Analysis

Reference Material & Standard

Product Name:	Ibuprofen EP Impurity I	Catalogue Number:	C4X-10829
Synonyms:	N/A	Lot Number:	0408-RG-0012
CAS Number:	2143535-26-4	Expiry Date:	Apr 06, 2028
Molecular Formula:	C ₂₄ H ₃₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	322.53	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Oil
Identification	GCMS&IR&UV&HNMR	Confirmed
Purity	GC	95.685%
Loss On Drying	TGA	0.0525%
Assay		95.6%

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:

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Reviewed by:

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Approved by General Manager:

David

Date: Aug 18, 2025

Date: Aug 18, 2025

Date: Aug 18, 2025

