

Certificate of Analysis

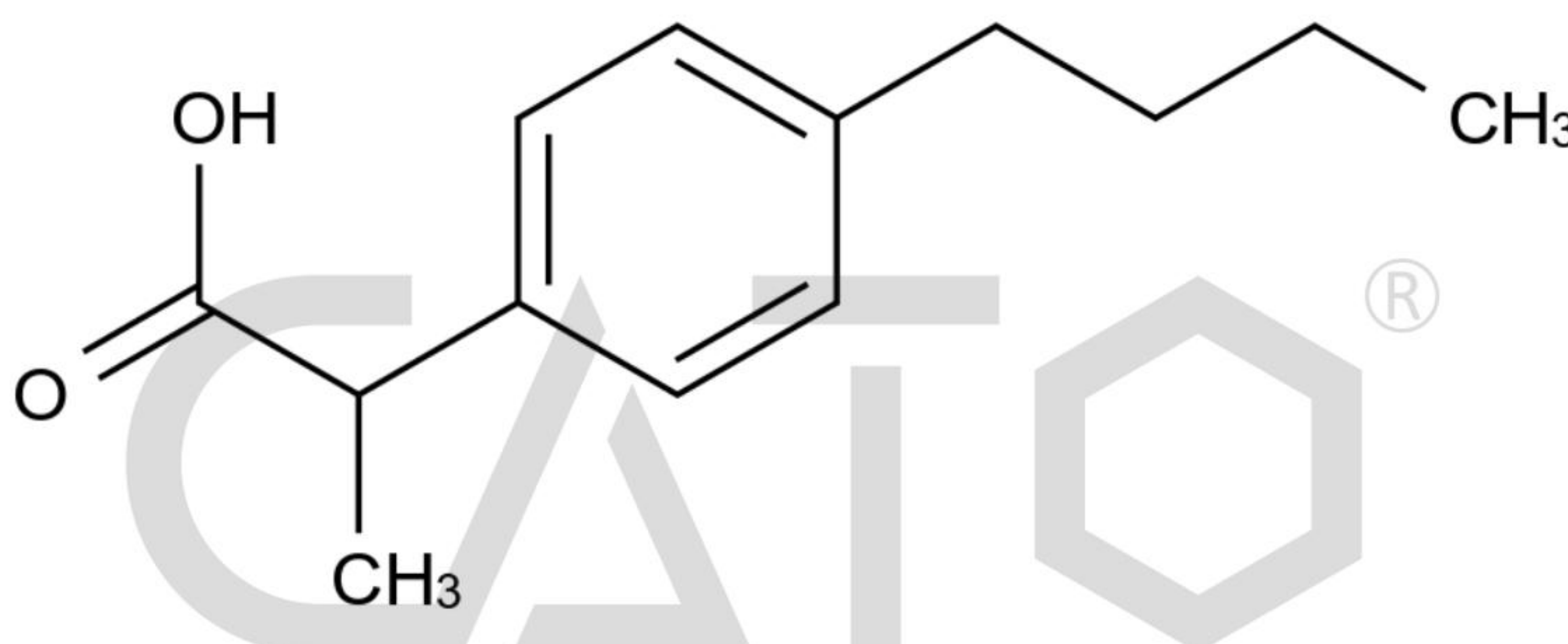
Reference Material & Standard

Product Name:	Ibuprofen EP Impurity B	Catalogue Number:	C4X-10822
Synonyms:	N/A	Lot Number:	0807-RH-0045
CAS Number:	3585-49-7	Expiry Date:	Aug 06, 2030
Molecular Formula:	C ₁₃ H ₁₈ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	206.28	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Liquid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	96.477%
Loss on Drying	TGA	0.1353%
Assay		96.3%

Comment:

The calculation of the mass balance 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: Aug 18, 2026

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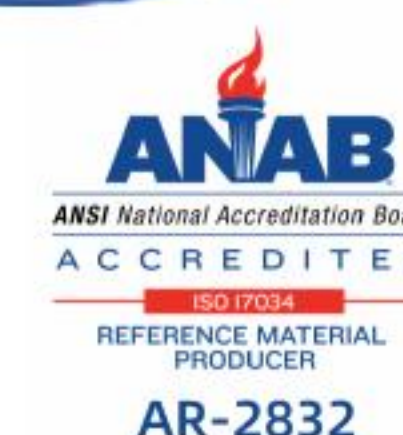
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