

Certificate of Analysis

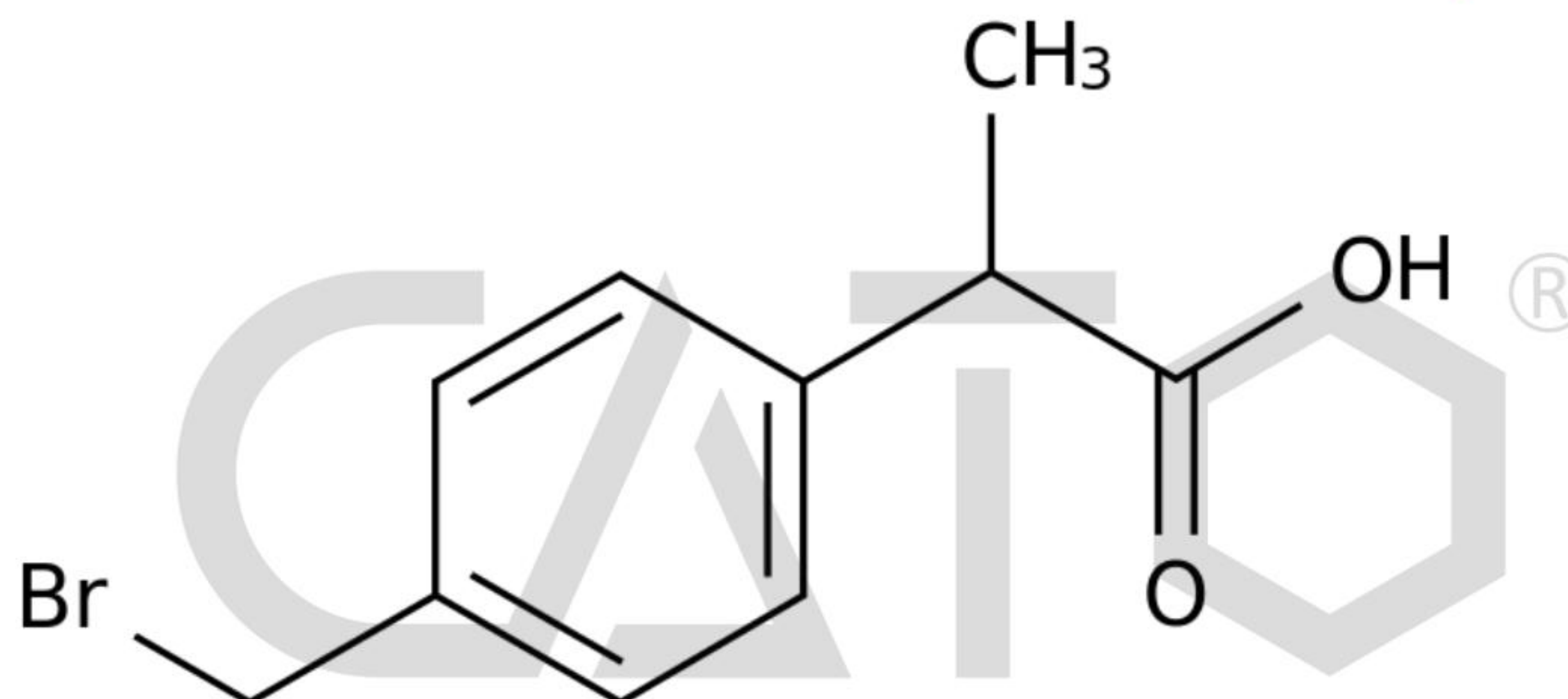
Reference Material & Standard

Product Name:	Loxoprofen Impurity 50	Catalogue Number:	C4X-148850
Synonyms:	2-[4-(Bromomethyl)phenyl]propionic Acid	Lot Number:	0224-RB-0009
CAS Number:	111128-12-2	Expiry Date:	Jun 18, 2027
Molecular Formula:	C ₁₀ H ₁₁ BrO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	243.10	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	97.992%
Loss on Drying	TGA	0.2081%
Assay		97.8%

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: Jun 15, 2026

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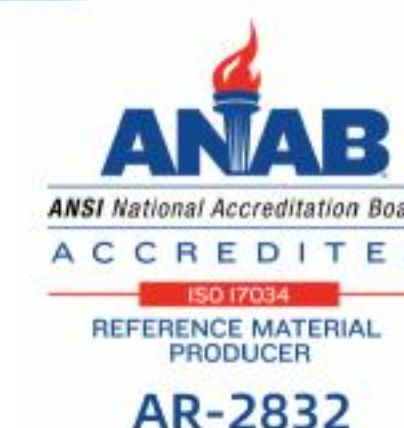
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