

Certificate of Analysis

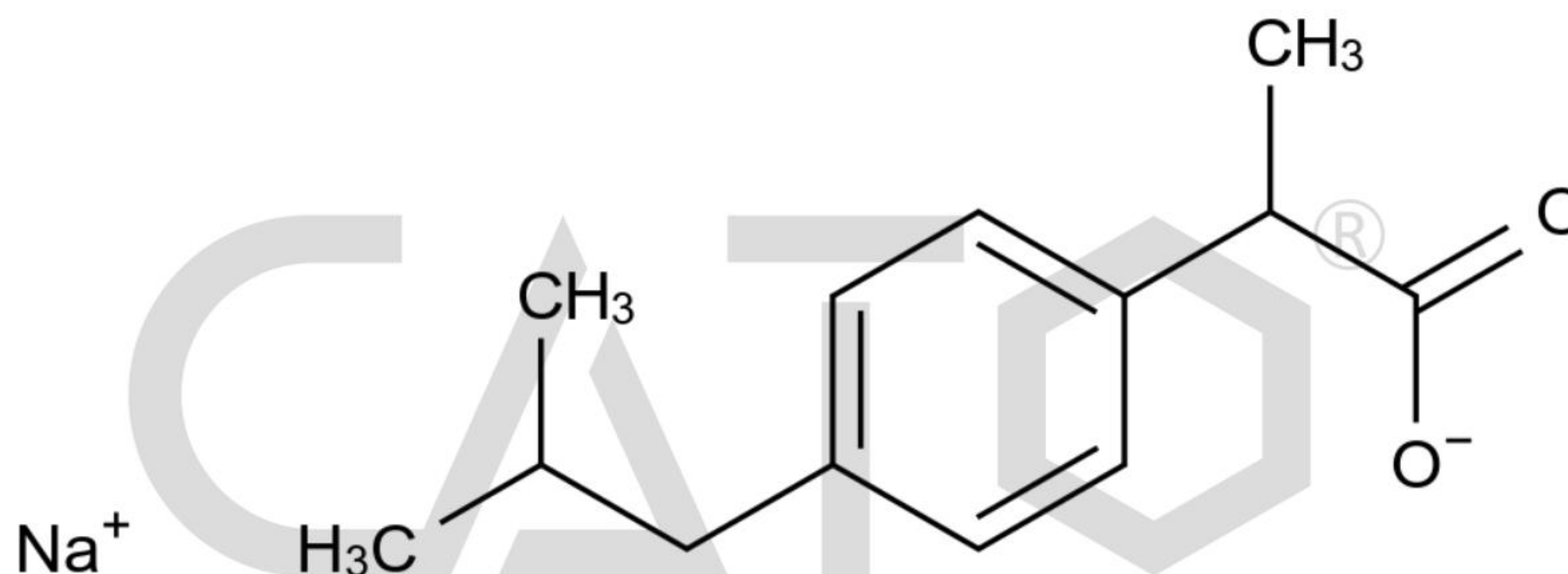
Reference Material & Standard

Product Name:	Ibuprofen Sodium Salt	Catalogue Number:	C1827001
Synonyms:	N/A	Lot Number:	0512-RH-0021
CAS Number:	31121-93-4	Expiry Date:	May 14, 2030
Molecular Formula:	C ₁₃ H ₁₇ O ₂ Na	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	205.27 22.99	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	12.7917%
Assay		87.2%

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: May 15, 2026

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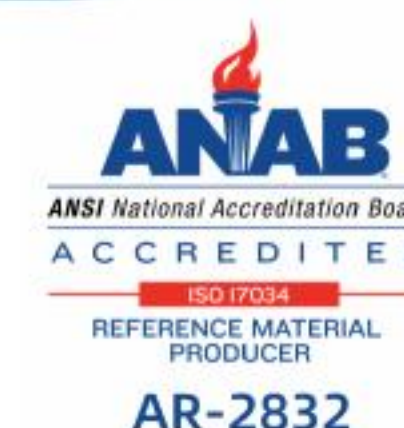
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