



CERTIFICATE OF ANALYSIS

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1. Identification

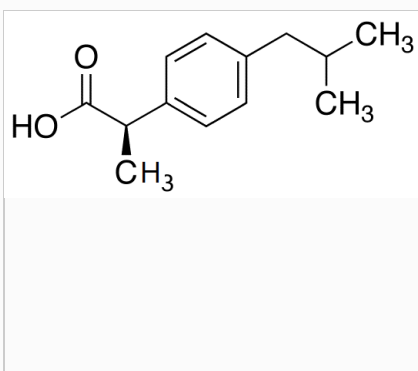
Catalogue Number: I140005

CAS Number: 51146-57-7

Product: (R)-(-)-Ibuprofen

Synonym: (αR)-α-Methyl-4-(2-methylpropyl)benzeneacetic Acid; (-)-Ibuprofen; (R)-2-(4-Isobutylphenyl)propanoic Acid; (R)-Ibuprofen; R-(-)-p-Isobutylhydratropic Acid;

Structure:



Molecular Formula:

C₁₃H₁₈O₂

Molecular weight:

206.28

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 3-JLW-140-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless to Pale Beige Oil to Solid	Colourless to Pale Beige Oil to Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.98% (220 nm)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Meenakshi Sharma	Toni Rantanen	Chanell Chu	9/18/2023	9/16/2027