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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2026

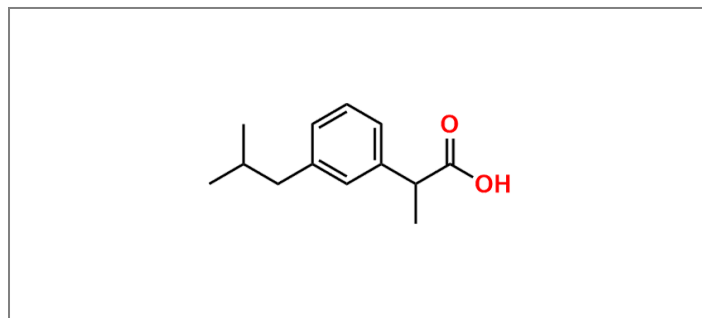
Re-test Date: Mar 2029

**Product Name: Ibuprofen EP Impurity A**

### Identification:

Chemical Name: (2RS)-2-[3-(2-methylpropyl)phenyl]propanoic acid (as per EP)

Synonyms : NA  
CAS Number : 66622-47-7  
CAT Number : CP-I2001  
Molecular Formula : C<sub>13</sub>H<sub>18</sub>O<sub>2</sub>  
Molecular Weight : 206.29  
Batch Number : CP-43-26



Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C  
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA

### Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale yellow liquid
2)	Solubility	Soluble in Methanol/CDCl <sub>3</sub>
3)	MASS By LCMS	Confirm to structure
4)	Purity by HPLC	97.90%
5)	<sup>1</sup> HNMR	Confirm to Structure



### Prepared and Reviewed By

Mr. Shubham Bondre  
(Quality Control)

### Approved By

Mr. Abhijit Kale  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.