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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2026

Re-test Date: Jan 2029

**Product Name: Ibuprofen EP Impurity M**

### Identification:

Chemical Name: (2RS)-2-Hydroxy-2-(4-isobutylphenyl)propanoic acid ; (2RS)-2-hydroxy-2-[4-(2-methylpropyl)phenyl]propanoic acid

Synonyms : Ibuprofen BP Impurity M

CAS Number : 60057-62-7

CAT Number : CP-I2013

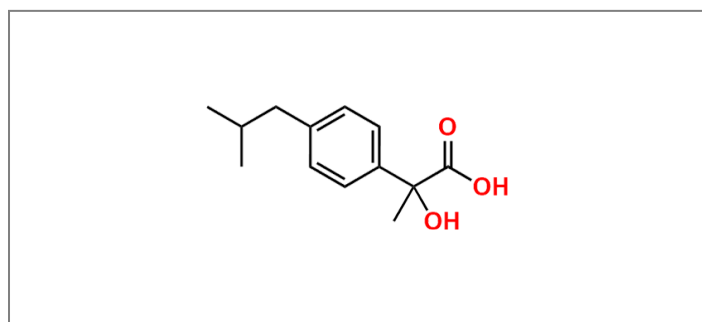
Molecular Formula : C<sub>13</sub>H<sub>18</sub>O<sub>3</sub>

Molecular Weight : 222.28

Batch Number : CP-25-224

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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	99.88%
5)	<sup>1</sup> HNMR	Confirm to Structure



### Prepared and Reviewed By



Ms Priyanka Salunkhe  
(Quality Control)

### Approved By



Ms Rohini Gagare  
(Quality Assurance)

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