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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2025

Re-test Date: Nov 2028

Product Name: Ibuprofen EP Impurity L

Identification:

Chemical Name: (2RS)-2-[4-(1-Hydroxy-2-methylpropyl)phenyl]propanoic acid

Synonyms : Ibuprofen BP Impurity L ; 1-Hydroxy Ibuprofen

CAS Number : 53949-53-4

CAT Number : CP-I2012

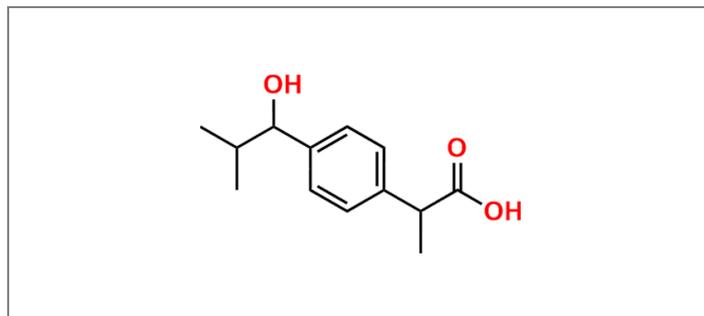
Molecular Formula : C₁₃H₁₈O₃

Molecular Weight : 222.28

Batch Number : CHEM-IBU-L-1609-001

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	93.13%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	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.