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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

Re-test Date: Oct 2027

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

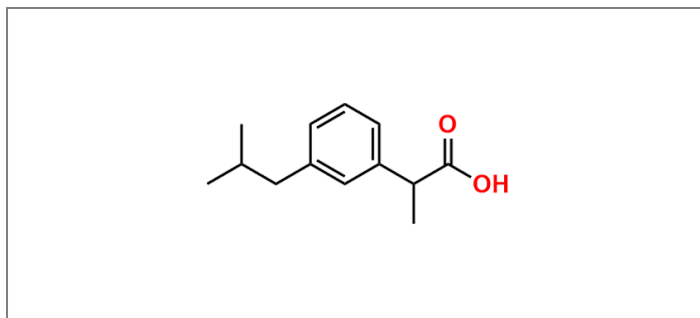
Molecular Formula : C₁₃H₁₈O₂

Molecular Weight : 206.29

Batch Number : CHEM-IBU-A-0308-001

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	Colorless Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	94.52%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	0.380%
7)	Potency by TGA	94.16%



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.