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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2024

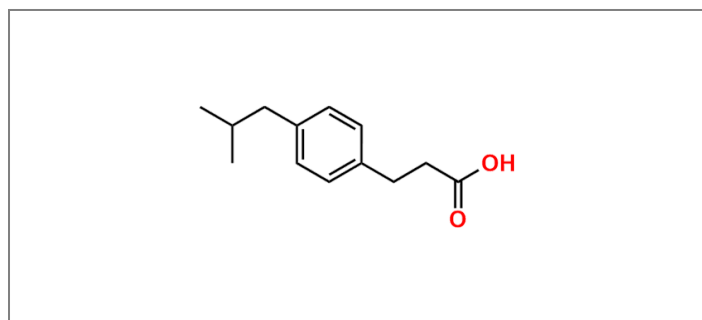
Re-test Date: Sep 2027

Product Name: Ibuprofen EP Impurity F

Identification:

Chemical Name: 3-[4-(2-Methylpropyl)phenyl]propanoic acid ; 4-(2-Methylpropyl)benzenepropanoic acid

Synonyms : NA
CAS Number : 65322-85-2
CAT Number : CP-I2006
Molecular Formula : C₁₃H₁₈O₂
Molecular Weight : 206.29
Batch Number : CHEM-IBU-F-1504-001




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
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	96.15%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency	>92%



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.