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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2024

Re-test Date: Sep 2027

Product Name: Ibuprofen EP Impurity B

Identification:

Chemical Name: (2RS)-2-(4-Butylphenyl)propanoic acid (as per EP)

Synonyms : Ibuprofen BP Impurity B

CAS Number : 3585-49-7

CAT Number : CP-I2002

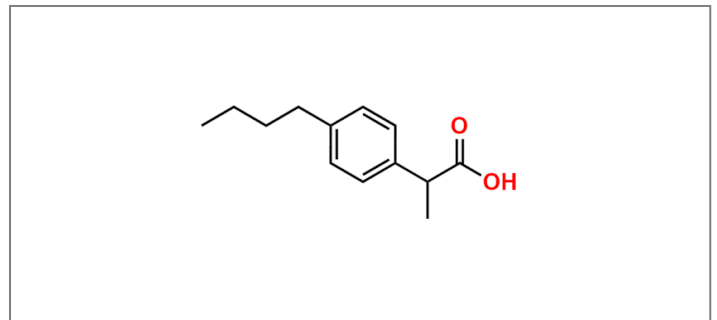
Molecular Formula : C₁₃H₁₈O₂

Molecular Weight : 206.29

Batch Number : CP-IBU-B-1023

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	Colourless Oil
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.55%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	IR	Confirm to structure
8)	Weight loss by TGA	0.235%
9)	Potency by TGA	99.53%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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