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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2025

Re-test Date: Jan 2028

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

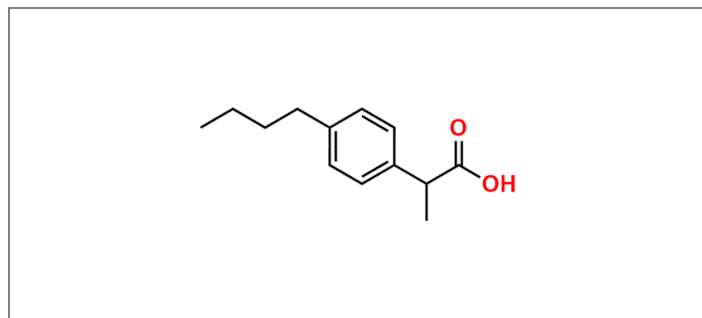
Molecular Formula : C₁₃H₁₈O₂

Molecular Weight : 206.29

Batch Number : CP-IBU-B-0325

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 to Slightly Yellowish Oil
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	IR	Confirm to Structure



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.