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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2025

Re-test Date: Nov 2028

Product Name: Ibuprofen EP Impurity N

Identification:

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

Synonyms : Ibuprofen BP Impurity N ; p-Ethylhydratropic Acid

CAS Number : 3585-52-2

CAT Number : CP-I2014

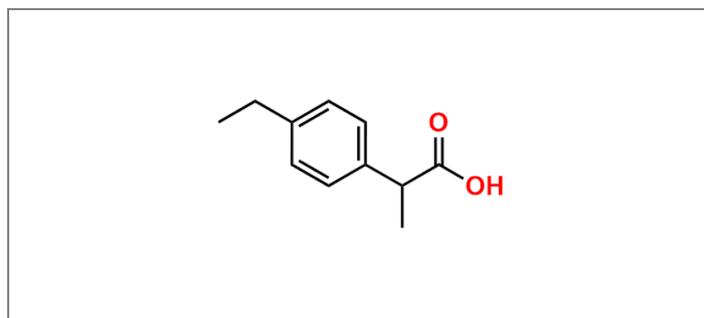
Molecular Formula : C₁₁H₁₄O₂

Molecular Weight : 178.23

Batch Number : CP-IBU-N-0623

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
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	94.85%
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.