Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
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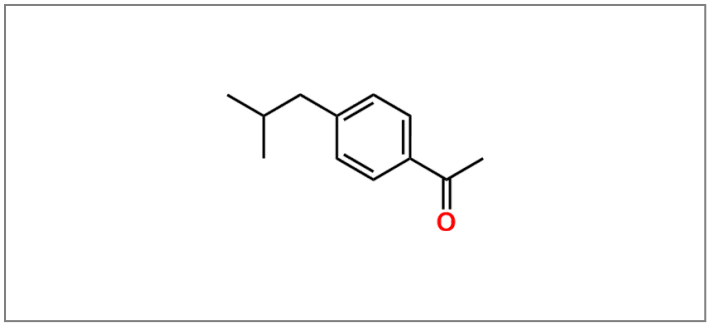
CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2025 Re-test Date: Aug 2028

Product Name: Ibuprofen EP Impurity E

Identification:

Chemical Name: 1-[4-(2-Methylpropyl)phenyl]ethanone (as per EP)



Synonyms	:	Ibuprofen USP Related Compound C ; Ibuprofen BP Impurity E ; 4-Isobutylacetophenone (as per USP) ; p-Isobutylphenyl Methyl Ketone
CAS Number	:	38861-78-8
CAT Number	:	CP-I2005
Molecular Formula	:	C12H16O
Molecular Weight	:	176.25
Batch Number	:	CP-IBU-E-0925
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 Spectrometry	Confirm to structure
4)	Purity By HPLC	95.50%
5)	1HNMR	Confirm to structure
6)	Weight loss by TGA	1.714%
7)	Potency	%

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.