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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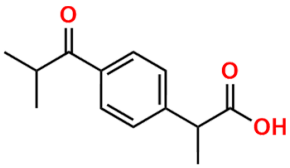
CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2025 Re-test Date: Nov 2028

Product Name: Ibuprofen EP Impurity J

Identification:

Chemical Name: (2RS)-2-[4-(2-Methylpropanoyl)phenyl]propanoic acid (as per EP)



Synonyms	:	Ibuprofen USP Related Compound J ; Ibuprofen BP Impurity J ; 1-Oxo Ibuprofen
CAS Number	:	65813-55-0
CAT Number	:	CP-I2010
Molecular Formula	:	C13H16O3
Molecular Weight	:	220.26
Batch Number	:	CP-35-196
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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to Structure
4)	Purity by HPLC	98.92%
5)	1HNMR	Confirm to Structure
6)	Weight loss by TGA	-
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.