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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2023

Re-test Date: Jan 2026

Product Name: Bupropion USP Related Compound F

Identification:

Chemical Name: 1-(3-Chlorophenyl)-1-hydroxypropan-2-one (as per USP)

Synonyms : NA

CAS Number : 857233-13-7

CAT Number : CP-B21006

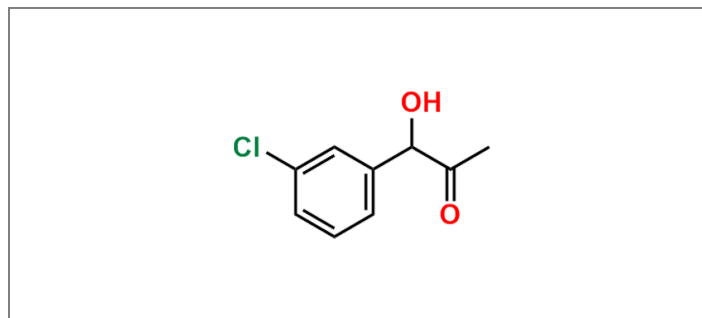
Molecular Formula : C₉H₉ClO₂

Molecular Weight : 184.62

Batch Number : CHEM-BUP-F

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 to Pale Yellow Oil |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | 95.26% |
| 5) | H1NMR | Confirm to structure |
| 6) | 13CNMR | Confirm to structure |
| 7) | Weight loss by TGA | 1.624% |
| 8) | Potency by TGA | 93.63% |



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.