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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2025

Re-test Date: Mar 2028

Product Name: Bupropion USP Related Compound D

Identification:

Chemical Name: 2-(tert-butylamino)propiophenone (as per USP)

Synonyms : Deschloro Bupropion (USP)

CAS Number : 34509-36-9

CAT Number : CP-B21004

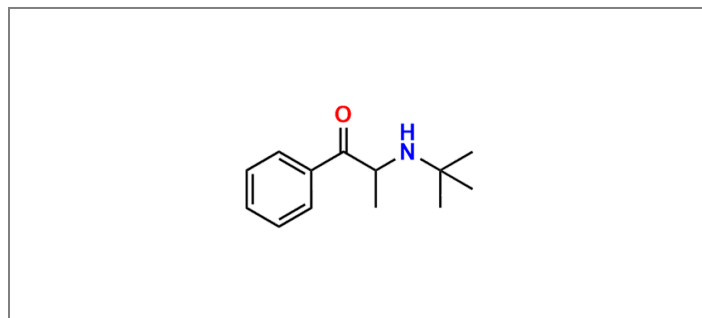
Molecular Formula : C₁₃H₁₉NO

Molecular Weight : 205.26

Batch Number : CP-BUP-RCD-0425

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	Pale Yellow Slightly hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.58%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	6.146%
7)	Potency by TGA	93.46%



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.