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CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2022

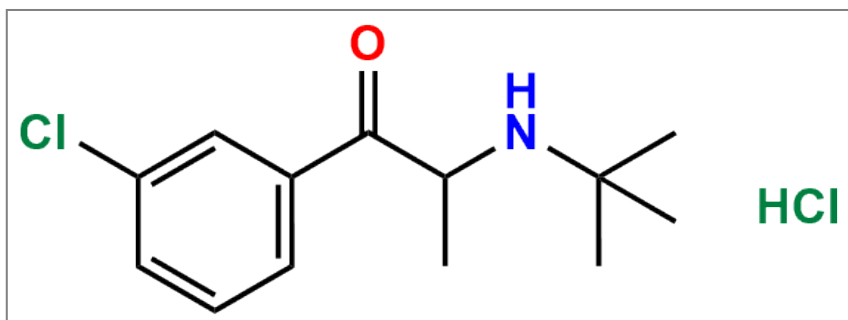
Re-test Date: May 2025

Product Name: Bupropion

Identification:

Chemical Name: (±)-2-(Tert-Butylamino)-3'-chloropropiophenone hydrochloride (as per USP)

Synonyms : Bupropion Hydrochloride;(±)-
Bupropion
Hydrochloride;Amfebutamon
Hydrochloride;Amfebutamone
Hydrochloride;Aplenzin
Hydrochloride;Bupropion
Hydrochloride;Bupropion SR
Hydrochloride; Elontril
Hydrochloride; α-(tert-
Butylamino)-m-
chloropropiophenone
Hydrochloride;Wellbatrin;Zyban



CAS Number : 31677-93-7

CAT Number : CP-B21000

Molecular Formula : C₁₃H₁₈ClNO·HCl

Molecular Weight : 239.74:36.5

Batch Number : CHEM-BUP-AP

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 | White Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |

| | | |
|----|--------------------|----------------------|
| 4) | Purity By HPLC | 99.52% |
| 5) | H1NMR | Confirm to structure |
| 6) | 13CNMR | Confirm to structure |
| 7) | Weight loss by TGA | 1.589% |
| 8) | Potency by TGA | 97.94% |



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.