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
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

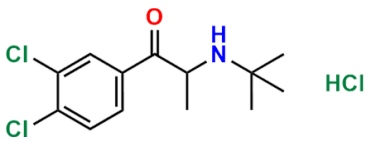
Analysis Date: Aug 2025 Re-test Date: Jul 2028

Product Name: Bupropion 3,4-Dichloro Impurity Hydrochloride

Identification:

Chemical Name: 2-Ttert-Butylamino)-1-(3,4-dichlorophenyl)propan-1-one hydrochloride (as per USP)

Synonyms	:	Bupropion 3',4'-Dichloro Impurity
CAS Number	:	1346598-72-8
CAT Number	:	CP-B21018
Molecular Formula	:	C13H17Cl2NO : HCl
Molecular Weight	:	274.15 : 36.5
Batch Number	:	CP-33-16J
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 to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to Structure
4)	Purity by HPLC	99.36%
5)	1HNMR	Confirm to Structure
6)	FT-IR	Confirm to Structure
7)	Weight loss by TGA	0.540%
8)	Potency	98.82%

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.