CERTIFICATE OF ANALYSIS

(Certificate No. KMB003011-01)

Release Date: 30/01/2025 **Re-test Date:** 29/01/2028

4-Chloro Bupropion

Identification

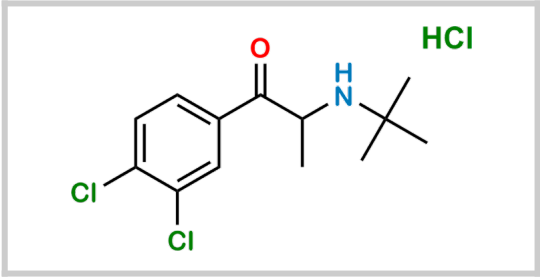
Chemical Name :
2-(tert-Butylamino)-1-(3,4-dichlorophenyl)propan-1-one hydrochloride (as per USP)

CAT No. : KMB003011

CAS No. : 1346598-72-8

Molecular Formula : C13H17Cl2NO : HCl

Molecular Weight : 274.2 : 36.5



Analytical Information

Batch No. : B003011-091-197

Description : Off White Solid

HPLC Purity : 99.96 %

Weight Loss By TGA : 0.11 %

% Potency : 99.85 %

Solubility : Water : Methanol (1:1)

Mass : Confirm

IR : Confirm

1H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.11(Weight Loss By TGA)] x [99.96(HPLC Purity)]/100 = 99.85 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		31/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		31/01/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA