

CERTIFICATE OF ANALYSIS

(Certificate No. KMB003010-01)

Release Date: 30/01/2025

Re-test Date: 29/01/2028

O-Bupropion

Identification

Chemical Name :
2-(Tert-Butylamino)-2'-chloropropiophenone Hydrochloride

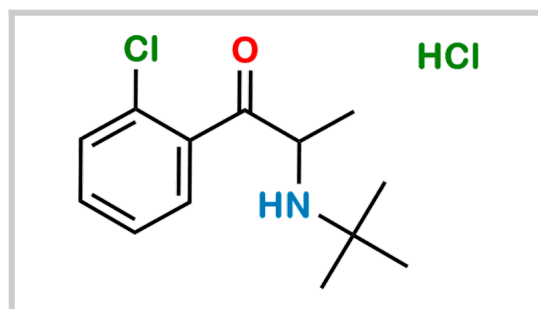
Alt. Name : o-Bupropion (USP)

CAT No. : KMB003010

CAS No. : 1049718-57-1

Molecular Formula : C₁₃H₁₈ClNO : HCl

Molecular Weight : 239.7 : 36.5



Analytical Information

Batch No. : B003010-091-196

Description : Off White Solid

HPLC Purity : 99.65 %

Weight Loss By TGA : 0.52 %

% Potency : 99.13 %

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 - 0.52(Weight Loss By TGA)] x [99.65(HPLC Purity)]/100 = 99.13 %

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