

Certificate of Analysis

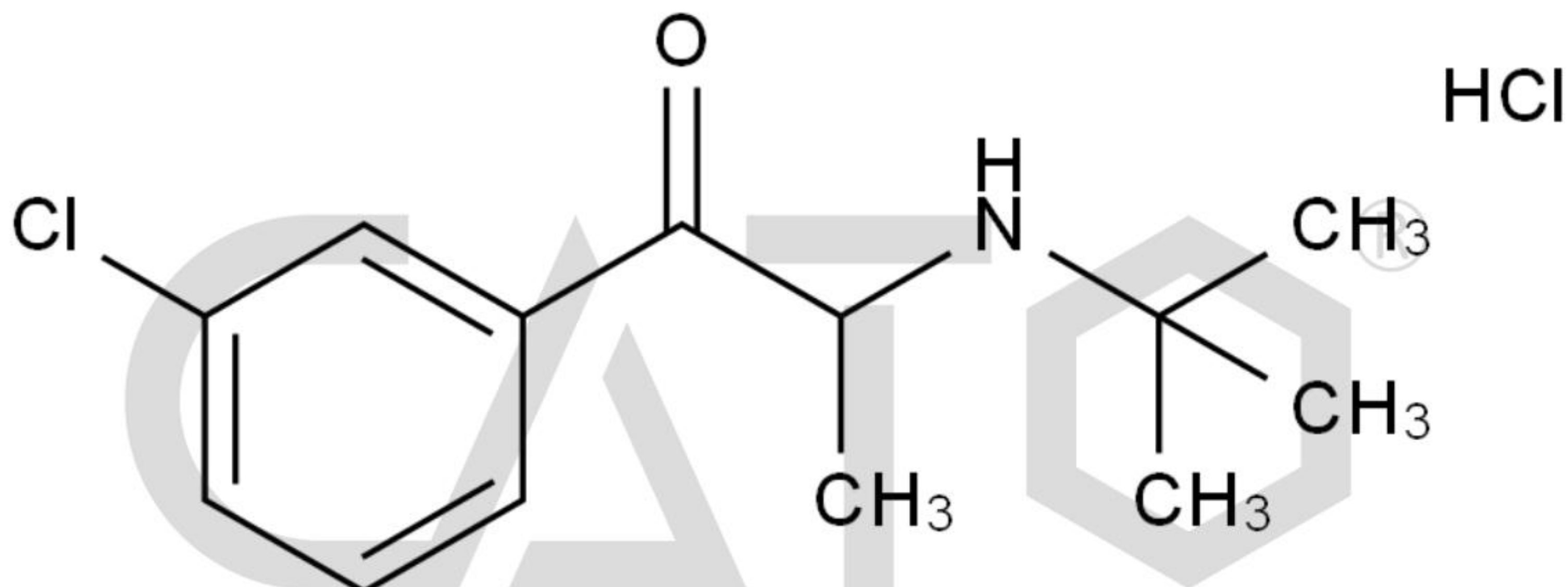
Reference Material & Standard

Product Name:	Bupropion HCl	Catalogue Number:	C4X-1203
Synonyms:	N/A	Lot Number:	1111-RG-0035
CAS Number:	31677-93-7	Expiry Date:	Nov 10, 2029
Molecular Formula:	C ₁₃ H ₁₈ ClNO HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	239.74 36.46	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.267%
Residue on Ignition	TGA	0.0468%
Loss On Drying	TGA	0.0287%
Assay		99.2%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Reviewed by:

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Approved by General Manager:

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Date: Nov 11, 2025

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