# CERTIFICATE OF ANALYSIS

(Certificate No. KMA031011-01)

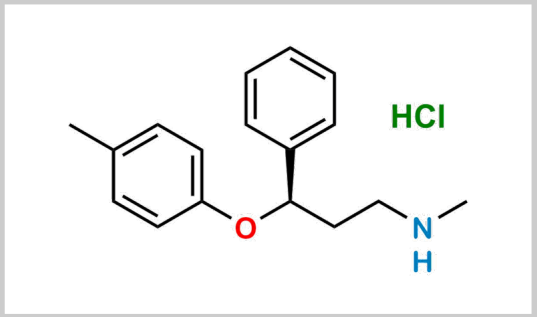
**Release Date:** 13/11/2025 **Re-test Date:** 12/11/2028

## Atomoxetine Related Compound C

## Identification

**Chemical Name** :
(3R)-N-methyl-3-(4-methylphenoxy)-3-phenylpropan-1-amine hydrochloride (as per EP) ; (R)-N-Methyl-3-phenyl-3-(4-tolyloxy)propan-1-amine hydrochloride (as per USP)

| | |
|---|---|
| **Alt. Name** | : Atomoxetine USP Related Compound C ; p-Methyl Atomoxetine HCl |
| **CAT No.** | : KMA031011 |
| **CAS No.** | : 1643684-06-3 |
| **Molecular Formula** | : C17H21NO : HCl |
| **Molecular Weight** | : 255.4 : 36.5 |




## Analytical Information

| | | | |
|---|---|---|---|
| **Batch No.** | : A031011-114-003 | **Solubility** | : Acetonitrile |
| **Description** | : White solid | **Mass** | : Confirm |
| **HPLC Purity** | : 99.42 % | **IR** | : Confirm |
| **Weight Loss By TGA** | : 0.63 % | **1H NMR** | : Confirm |
| **% Potency** | : 98.79 % | **13C 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 - 0.63(Weight Loss By TGA)] x [99.42(HPLC Purity)]/100 = 98.79 %

**Recommendation** : Released

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Jignesh Patel | | 14/11/2025 |
| **Reviewed & Approved By** | Quality Control | Jatin Patel | | 14/11/2025 |

**Attachments** : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA