# CERTIFICATE OF ANALYSIS

(Certificate No. KMD014009-01)

**Release Date:** 04/12/2024 **Re-test Date:** 03/12/2027

## (R)-ISOMER OF MMAA

## Identification

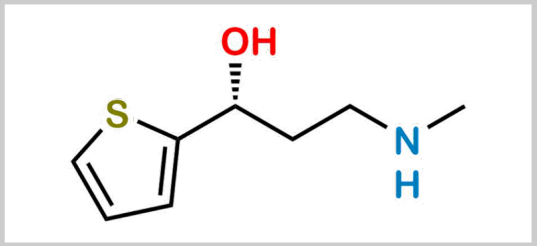
**Chemical Name** :
((R)-3-(methylamino)-1-(thiophen-2-yl)propan-1-ol) (as per USP)

**CAT No.** : KMD014009

**CAS No.** : 116539-57-2

**Molecular Formula** : C8H13NOS

**Molecular Weight** : 171.3




## Analytical Information

**Batch No.** : D014009-091-058

**Description** : Off White Solid

**HPLC Purity** : 97.09 %

**Weight Loss By TGA** : 0.19 %

**% Potency** : 96.91 %

**Solubility** : Water : ACN (95:5)

**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 - 0.19(Weight Loss By TGA)] x [97.09(HPLC Purity)]/100 = 96.91 %

**Recommendation** : Released

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Jignesh Patel | | 06/12/2024 |
| **Reviewed & Approved By** | Quality Control | Jatin Patel | | 06/12/2024 |

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