# CERTIFICATE OF ANALYSIS

(Certificate No. KMS085005-01)

**Release Date:** 29/06/2026 **Re-test Date:** 28/06/2029

## Spironolactone

## Identification

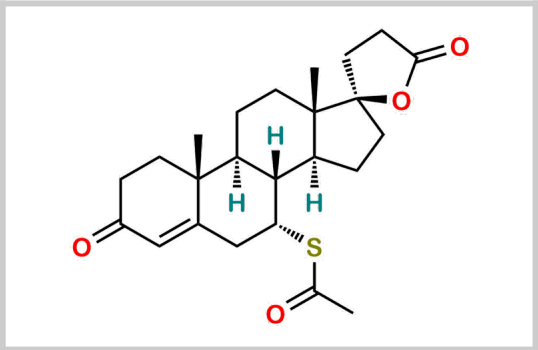
**Chemical Name** :
S-[(2′R)-3,5′-Dioxo-3′,4′-Dihydro-5′H-spiro[androst-4-ene-17,2′-furan]-7α-yl] ethanethioate (as per EP);(2′R)-7α-(Acetylthio)-3′,4′-dihydro-5′H-spiro[androst-4-ene-17,2′-furan]-3,5′-dione (as per USP)

**CAT No.** : KMS085005

**CAS No.** : 52-01-7

**Molecular Formula** : C24H32O4S

**Molecular Weight** : 416.6




## Analytical Information

**Batch No.** : S085005-136-067

**Description** : White Solid

**HPLC Purity** : 99.97 %

**Weight Loss By TGA** : 0.32 %

**% Potency** : 99.65 %

**Solubility** : Acetonitrile

**Mass** : Confirm as Na adduct

**IR** : Confirm

**1H NMR** : Confirm

**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 - 0.32(Weight Loss By TGA)] x [99.97(HPLC Purity)]/100 = 99.65 %

**Recommendation** : Released

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Jignesh Patel | | 29/06/2026 |
| **Reviewed & Approved By** | Quality Control | Jatin Patel | | 29/06/2026 |

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