

# Certificate of Analysis

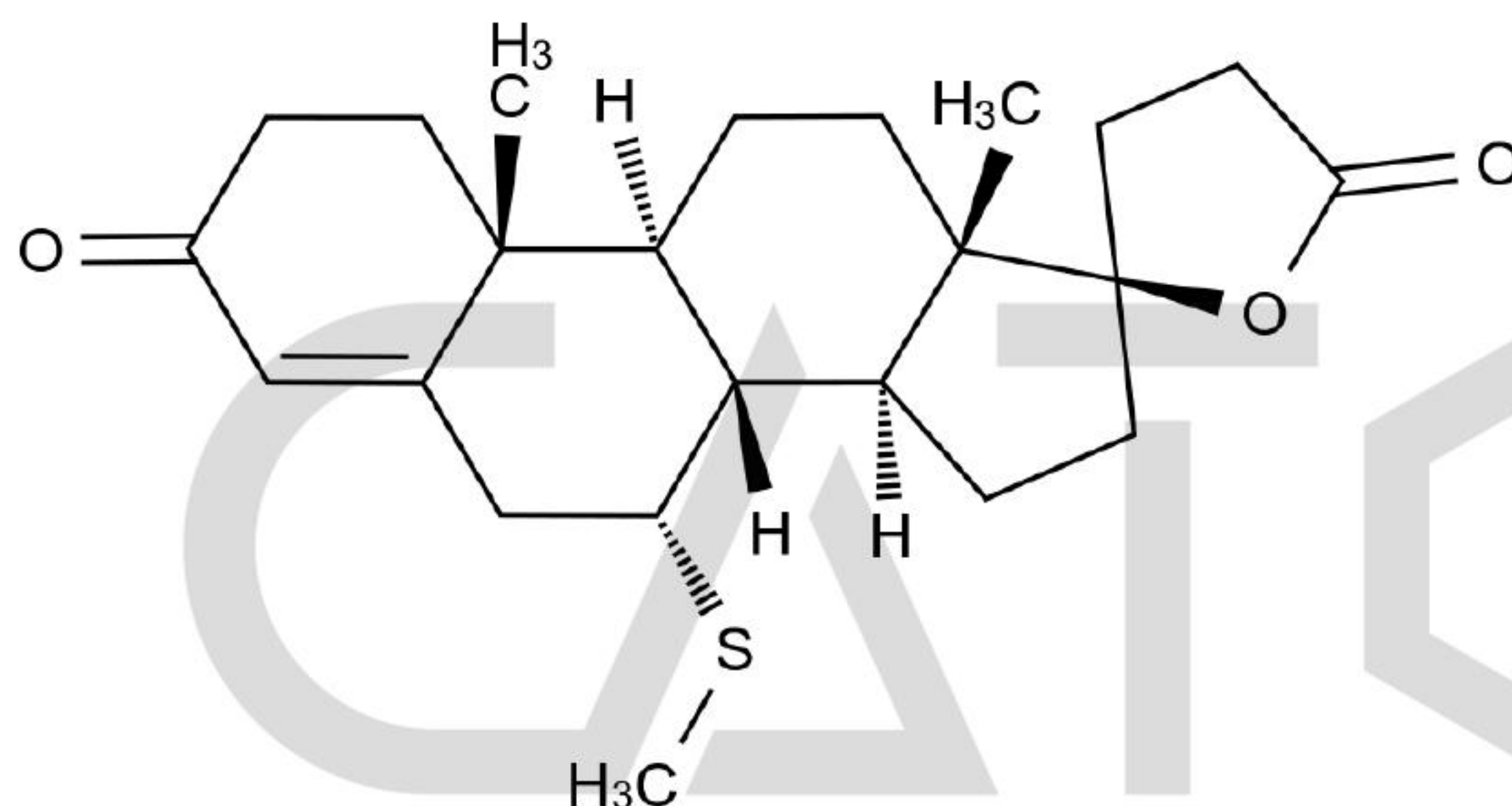
## Reference Material & Standard

|                    |                                                  |                     |                                                 |
|--------------------|--------------------------------------------------|---------------------|-------------------------------------------------|
| Product Name:      | 7 $\alpha$ -(Thiomethyl)spironolactone           | Catalogue Number:   | C1777900                                        |
| Synonyms:          | N/A                                              | Lot Number:         | 0724-RH-0040                                    |
| CAS Number:        | 38753-77-4                                       | Expiry Date:        | Aug 18, 2030                                    |
| Molecular Formula: | C <sub>23</sub> H <sub>32</sub> O <sub>3</sub> S | Storage:            | -20°C $\pm$ 5°C Protected from light and Sealed |
| Molecular Weight:  | 388.56                                           | Shipping Condition: | Shipping with Ice Packs                         |

Warning:



Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 100.00%     |
| Loss on Drying | TGA               | 0.1572%     |
| Assay          |                   | 99.8%       |

## Comment:

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

Assay (%) = (100% - Loss on Drying) \* Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Date: Aug 19, 2026

Date: Aug 20, 2026

Date: Aug 20, 2026



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