

# Certificate of Analysis

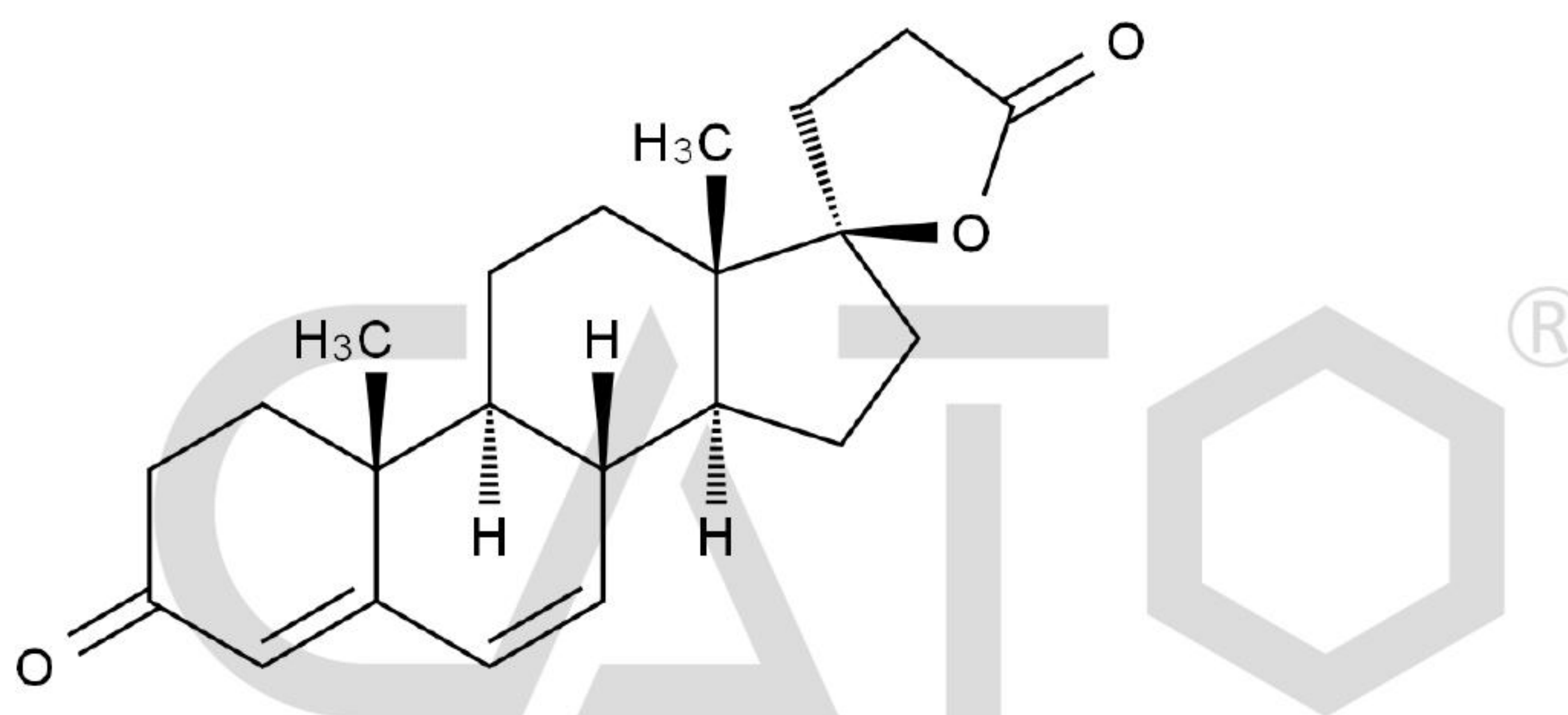
## Reference Material & Standard

|                    |                                                |                     |                                           |
|--------------------|------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Spironolactone EP Impurity F                   | Catalogue Number:   | C4X-13456                                 |
| Synonyms:          | N/A                                            | Lot Number:         | 1211-RE-0078                              |
| CAS Number:        | 976-71-6                                       | Expiry Date:        | Nov 18, 2029                              |
| Molecular Formula: | C <sub>22</sub> H <sub>28</sub> O <sub>3</sub> | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 340.46                                         | Shipping Condition: | Shipping at Room Temperature              |

Warning:



Chemical Structure:



| Test Items     | Method            | Results      |
|----------------|-------------------|--------------|
| Appearance     | Visual inspection | Yellow Solid |
| Identification | LCMS&IR&HNMR      | Confirmed    |
| Purity         | HPLC              | 99.845%      |
| Loss On Drying | TGA               | 0.0310%      |
| 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:

Prepared by:

*Koi*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Nov 19, 2025

Date: Nov 19, 2025

Date: Nov 19, 2025



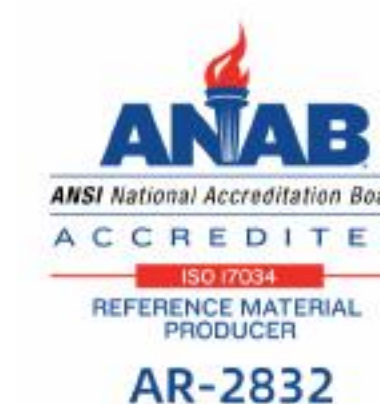
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 7



Official WeChat