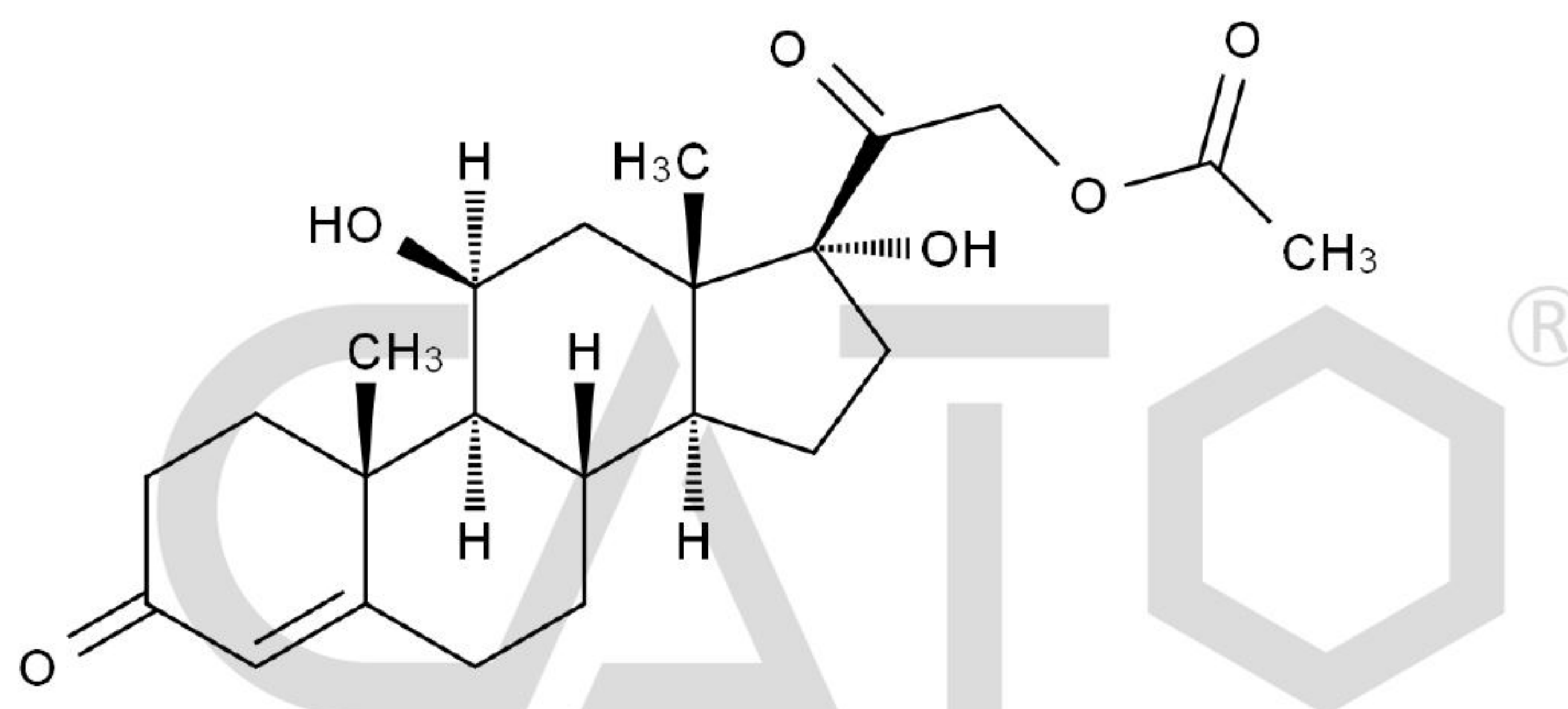


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                |                            |                                                                                      |
|---------------------------|------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------|
| <b>Product Name:</b>      | Hydrocortisone EP Impurity C                   | <b>Catalogue Number:</b>   | C4X-14013                                                                            |
| <b>Synonyms:</b>          | N/A                                            | <b>Lot Number:</b>         | 0917-RH-0089                                                                         |
| <b>CAS Number:</b>        | 50-03-3                                        | <b>Expiry Date:</b>        | Sep 20, 2030                                                                         |
| <b>Molecular Formula:</b> | C <sub>23</sub> H <sub>32</sub> O <sub>6</sub> | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed                                            |
| <b>Molecular Weight:</b>  | 404.50                                         | <b>Shipping Condition:</b> | Shipping at Room Temperature                                                         |
| <b>Solubility:</b>        | Acetonitrile                                   | <b>Warning:</b>            |  |

Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 99.502%     |
| Loss on Drying | TGA               | 0.0171%     |
| Assay          |                   | 99.5%       |

## 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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Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Sep 21, 2026

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Date: Sep 21, 2026



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