

# Certificate of Analysis

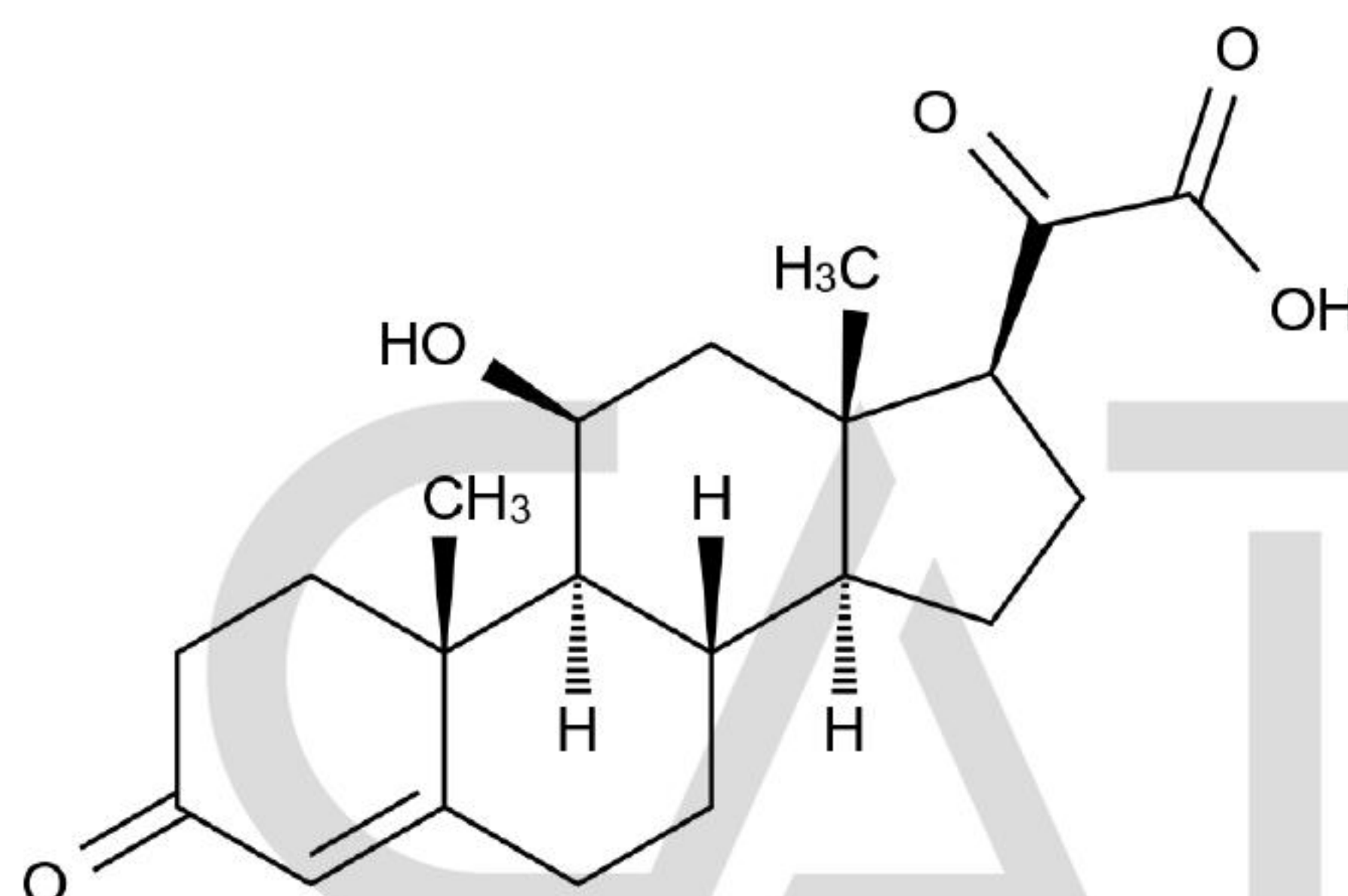
## Reference Material & Standard

|                    |                                                |                   |                                           |
|--------------------|------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Corticosterone 21-Carboxylic Acid              | Catalogue Number: | C1799191                                  |
| Synonyms:          | N/A                                            | Lot Number:       | 0922-RG-0069                              |
| CAS Number:        | 33762-00-4                                     | Expiry Date:      | Sep 24, 2029                              |
| Molecular Formula: | C <sub>21</sub> H <sub>28</sub> O <sub>5</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 360.44                                         |                   |                                           |

Warning:



Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 99.049%     |
| Loss On Drying | TGA               | 2.3227%     |
| Assay          |                   | 96.7%       |

## 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: Sep 25, 2025

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