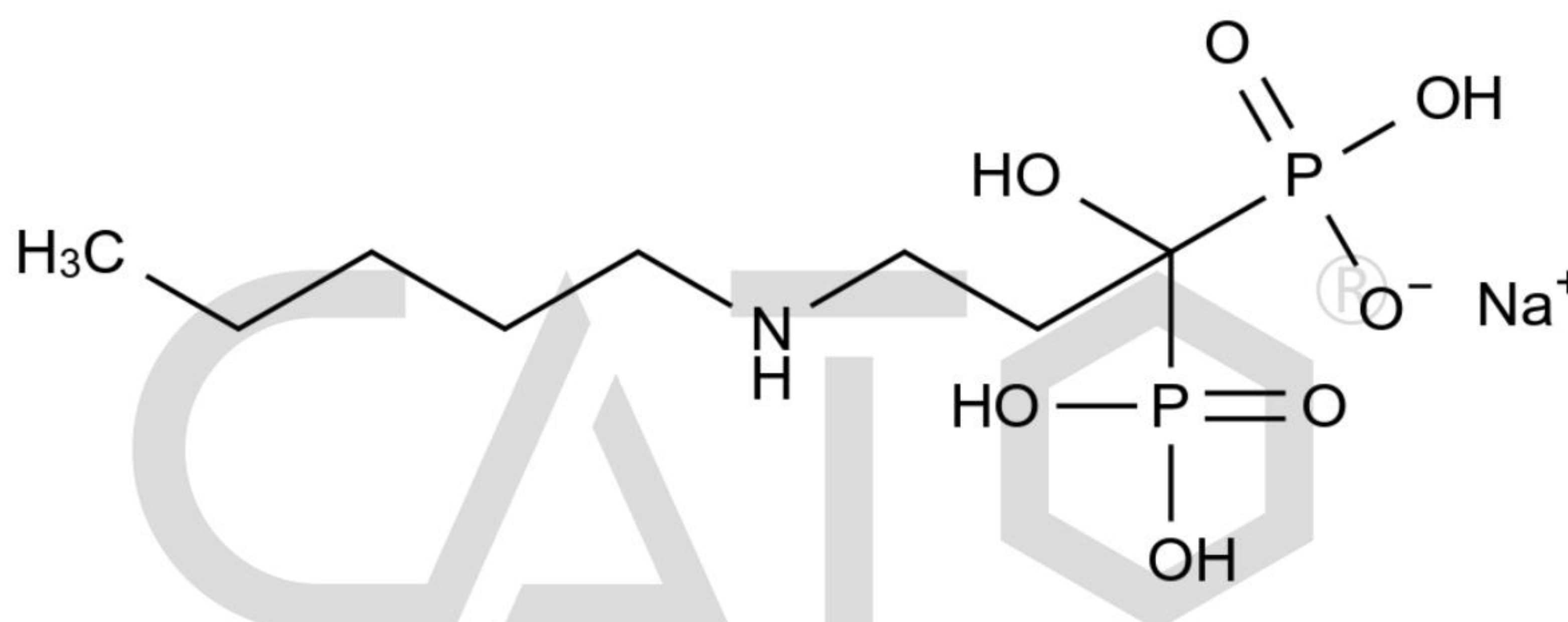


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                                  |                            |                                           |
|---------------------------|------------------------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Ibandronate Sodium EP Impurity C                                 | <b>Catalogue Number:</b>   | C4X-22443                                 |
| <b>Synonyms:</b>          | N/A                                                              | <b>Lot Number:</b>         | 0713-RH-0128                              |
| <b>CAS Number:</b>        | 953805-81-7                                                      | <b>Expiry Date:</b>        | Mar 02, 2030                              |
| <b>Molecular Formula:</b> | C <sub>8</sub> H <sub>20</sub> NO <sub>7</sub> P <sub>2</sub> Na | <b>Storage:</b>            | -20°C±5°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 304.19 22.99                                                     | <b>Shipping Condition:</b> | Shipping with Ice Packs                   |

Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&IR&HNMR      | Confirmed   |
| Purity         | ELSD              | 98.9463%    |
| Loss on Drying | TGA               | 5.425%      |
| Assay          |                   | 93.6%       |

## Comment:

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

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

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

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Aug 06, 2026

Date: Aug 06, 2026

Date: Aug 06, 2026



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