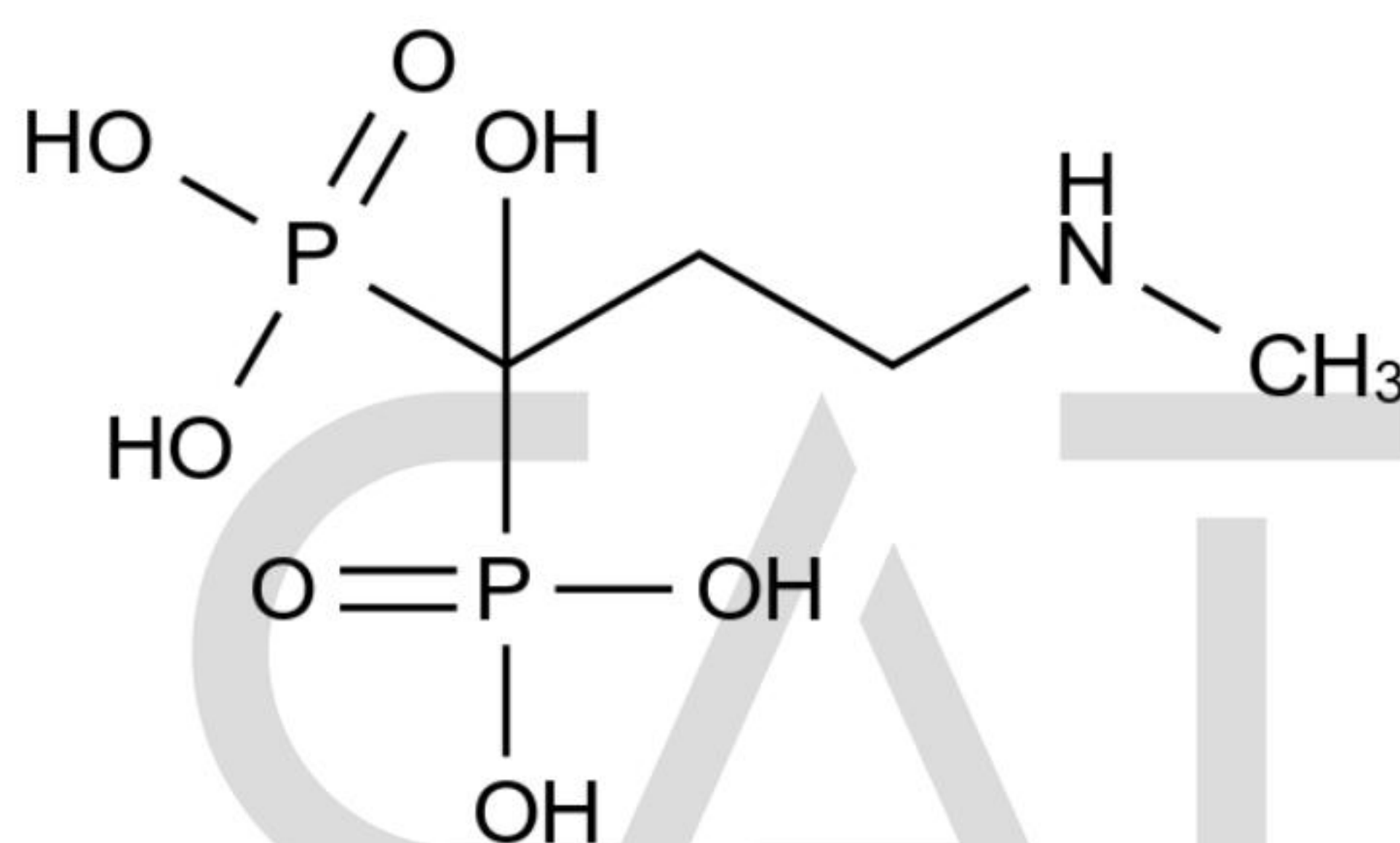


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                               |                     |                                           |
|--------------------|---------------------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Ibandronic Impurity 28                                        | Catalogue Number:   | C4X-224428                                |
| Synonyms:          | N/A                                                           | Lot Number:         | 0805-RH-0033                              |
| CAS Number:        | 128202-57-3                                                   | Expiry Date:        | Aug 04, 2030                              |
| Molecular Formula: | C <sub>4</sub> H <sub>13</sub> NO <sub>7</sub> P <sub>2</sub> | Storage:            | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 249.10                                                        | Shipping Condition: | Shipping with Ice Packs                   |

Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&IR&HNMR      | Confirmed   |
| Purity         | ELSD              | 99.5%       |
| Assay          | qNMR              | 90.1%       |

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Aug 06, 2026

Date: Aug 06, 2026

Date: Aug 06, 2026



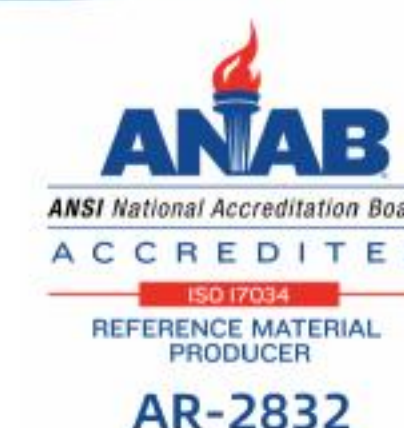
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

Page 1 of 8



Official  
WeChat