Certificate of Analysis

Etidronic acid (disodium)

 Cat. No.:
 HY-B0302A

 CAS No.:
 7414-83-7

 Batch No.:
 271528

Chemical Name: Phosphonic acid, P,P'-(1-hydroxyethylidene)bis-, sodium salt (1:2)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₂H₆Na₂O₇P₂

Molecular Weight: 249.99

Storage: 4°C, sealed storage, away from moisture

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

HO P O P NaO-P HO OH

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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