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### CERTIFICATE OF ANALYSIS

Analysis Date:

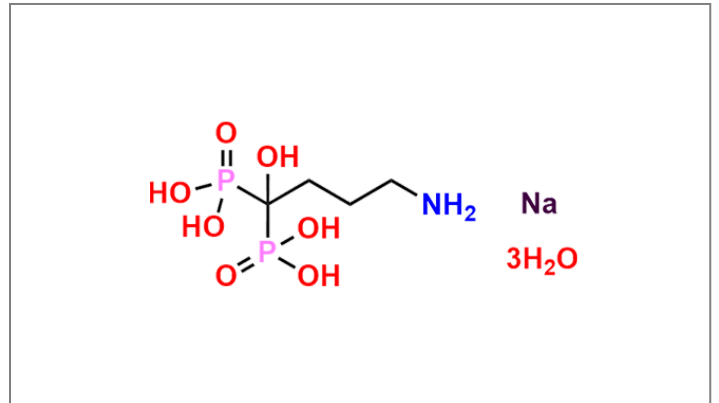
Re-test Date:

**Product Name: Alendronate sodium trihydrate (In House Standard)**

#### Identification:

Chemical Name: Monosodium trihydrogen (4-amino-1-hydroxybutylidene)bisphosphonate trihydrate (as per EP)

Synonyms : NA  
CAS Number : 121268-17-5  
CAT Number : CP-A120000  
Molecular Formula :  $C_4H_{12}NO_7P_2 : Na : 3(H_2O)$   
Molecular Weight : 249.1 : 23.0 : 3(18.0)



#### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>98%
5)	H1NMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-

#### Prepared and Reviewed By



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Maya Kale  
(Manager QC Analytical)

#### Approved By

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.