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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Pamidronate Disodium Pentahydrate (In House Standard)

Identification:

Chemical Name: Disodium dihydrogen (3-amino-1-hydroxypropylidene)bisphosphonate pentahydrate (as per EP) ;
Phosphonic acid, (3-amino-1-hydroxypropylidene)bis-, disodium salt, pentahydrate (as per USP)

Synonyms : NA
CAS Number : 109552-15-0
CAT Number : CP-P125000
Molecular Formula : C₄H₁₀O₇P₂ : 2(Na) : 5(H₂O)
Molecular Weight : 232.07 : 2(23.0) : 5(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



Prepared and Reviewed By



Ms Priyanka Salunkhe
(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.