CERTIFICATE OF ANALYSIS

(Certificate No. KMI015018-01)

Release Date: 31/08/2026 **Re-test Date:** 30/08/2029

N-NITROSO IBANDRONIC ACID-1

Identification

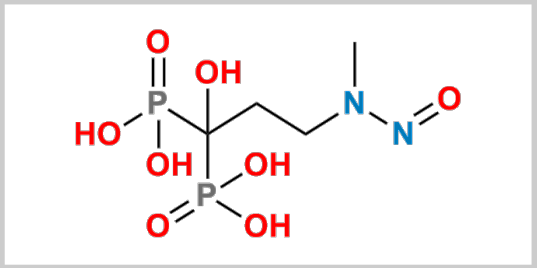
Chemical Name :
(1-hydroxy-3-(methyl(nitroso)amino)propane-1,1-diyl)bis(phosphonic acid)

CAT No. : KMI015018

CAS No. : Not Available

Molecular Formula : C4H12N2O8P2

Molecular Weight : 278.09



Analytical Information

Batch No.	: I015018-136-175	**Solubility**	: Water
Description	: Off White Hygroscopic Solid	**Mass**	: Confirm
HPLC Purity	: 99.84 %	**IR**	: Confirm
Weight Loss By TGA	: 1.69 %	**1H NMR**	: Confirm
% Potency	: 98.15 %		

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 1.69(Weight Loss By TGA)] x [99.84(HPLC Purity)]/100 = 98.15 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		31/08/2026
Reviewed & Approved By	Quality Control	Jatin Patel		31/08/2026

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA