

Analysis Date: 08-09-2025

Re-test Date: 08-09-2028

FOSFOMYCIN EP IMPURITY A

Identification

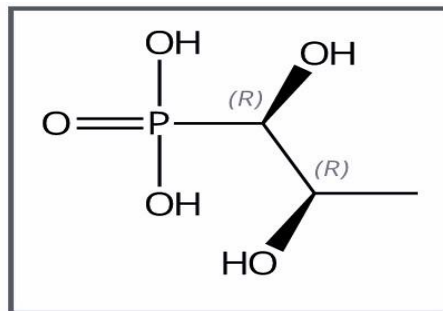
Chemical Name : (1,2-Dihydroxypropyl)phosphonic acid

CAT No : ALL-F08405

CAS No : 84954-80-3 (acid)

Molecular Formula : C₃H₉O₅P

Molecular Weight : 156.07



Analytical Information

Batch Code	: ALL-F08405	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.51%
Appearance of Product	: OFF WHITE SOLID	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.711%	¹H NMR	: Confirm
Residue Of Ignition	: 0.801%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.711+0.801) × 98.00]/100 = 96.51%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office