

Analysis Date: 02-11-2023

Re-test Date: 02-11-2026

FOSFOMYCIN EP IMPURITY C

Identification

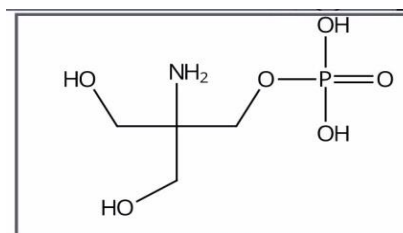
Chemical Name : 2-Amino-3-hydroxy-2-(hydroxymethyl)propyl dihydrogen phosphate
barium salt

CAT No : ALL-FO3673

CAS No : 23001-39-0

Molecular Formula : C₄H₁₀BaNO₆P

Molecular Weight : 336.43



Analytical Information

Batch Code	: ALL-FO3673	HPLC Purity	: 98.46%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 98.19%
Appearance of Product	: OFF WHITE SOLID	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.065%	¹H NMR	: Confirm
Residue Of Ignition	: 0.335%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
[100 - (0.065+0.335) × 98.46]/100 = 98.19%

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