

Analysis Date: 08-09-2025

Re-test Date: 08-09-2028

FOSFOMYCIN

Identification

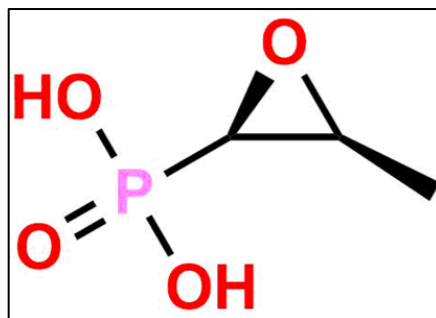
Chemical Name : ((2R,3S)-3-methyloxiran-2-yl)phosphonic acid

CAT No : ALL-FO3682

CAS No : 23155-02-4

Molecular Formula : C3H7O4P

Molecular Weight : 138.1



Analytical Information

| | | | |
|------------------------------|-----------------------------------|--------------------|-----------|
| Batch Code | : ALL-FO3682 | 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% | 1HNMR | : 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