

Analysis Date: 14-08-2025

Re-test Date: 14-08-2028

IVERMECTIN EP IMPURITY H

Identification

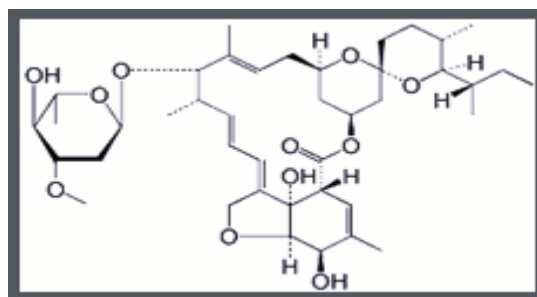
Chemical Name : 4'-O-De(2,6-Dideoxy-3-O-methyl- α -L-arabino-hexopyranosyl)-5-O-demethyl-22,23-dihydroavermectin A1a

CAT No : ALL-IVE-EPH

CAS No : 71837-27-9

Molecular Formula : C₄₁H₆₂O₁₁

Molecular Weight : 730.92



Analytical Information

| | | | |
|------------------------------|-----------------------------------|--------------------------|-----------|
| Batch Code | : ALL-IVE-EPH | HPLC Purity | : 98.00% |
| Solubility | : USP Diluent / EP Diluent (MEOH) | Potency | : 95.96% |
| Appearance of Product | : Off White Solid | Mass | : Confirm |
| Long Term Storage | : -20°C | IR Analysis | : Confirm |
| Weight Loss By TGA | : 1.245% | ¹H NMR | : Confirm |
| Residue Of Ignition | : 0.835% | | |

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (1.245+0.835) × 98.00]/100 = 95.96%

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