

Analysis Date: 14-08-2025

Re-test Date: 14-08-2028

## IVERMECTIN EP IMPURITY G

### Identification

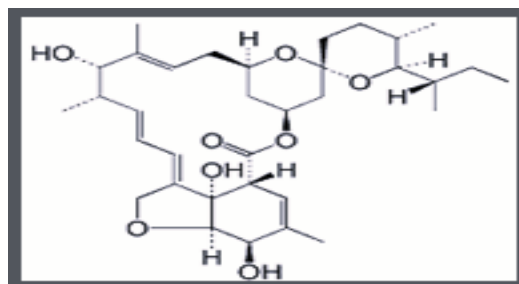
**Chemical Name** : (6R,13S,25R)-5-O-Demethyl-28-deoxy-6,28-epoxy-13-hydroxy-25-[(1S)-1-methylpropyl]milbemycin B

**CAT No** : ALL-IVE-EPG

**CAS No** : 73162-95-5

**Molecular Formula** : C<sub>34</sub>H<sub>50</sub>O<sub>8</sub>

**Molecular Weight** : 586.76



### Analytical Information

<b>Batch Code</b>	: ALL-IVE-EPG	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 97.48%
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: -20°C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.112%	<b>1HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.418%		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.112+0.418) × 98.00]/100 = 97.48%

**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