

Analysis Date: 14-08-2025

Re-test Date: 14-08-2028

## IVERMECTIN MONOSACCHARIDE

### Identification

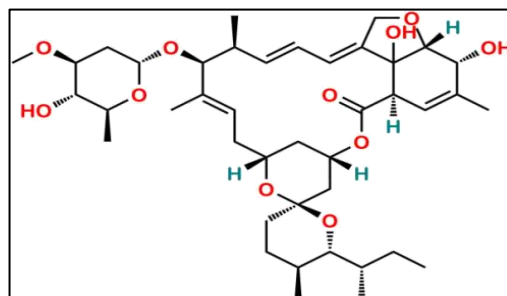
**Chemical Name** : (1R,4S,5'S,6R,6'R,8R,10E,12S,13S,14E,16E,20R,21R)-6'-[(2S)-butan-2-yl]-21,24-dihydroxy-12-[(2R,4S,5S,6S)-5-hydroxy-4-methoxy-6-methyloxan-2-yl]oxy-5',11,13,22-tetramethylspiro[3,7,19-trioxatetracyclo[15.6.1.14,8.0.20,24]pentacos-10,14,16,22-tetraene-6,2'-oxane]-2-one

**CAT No** : ALL-IVE-MON

**CAS No** : 123997-64-8

**Molecular Formula** : C<sub>41</sub>H<sub>62</sub>O<sub>11</sub>

**Molecular Weight** : 730.9



### Analytical Information

<b>Batch Code</b>	: ALL-IVE-MON	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 96.36%
<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>	: 0.791%	<b>1HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.874%		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.791+0.874) × 98.00]/100 = 96.36%

**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