

# CERTIFICATE OF ANALYSIS

(Certificate No. KMI079008-01)

Release Date: 04/02/2026

Re-test Date: 03/02/2029

## Ivermectin USPRS

### Identification

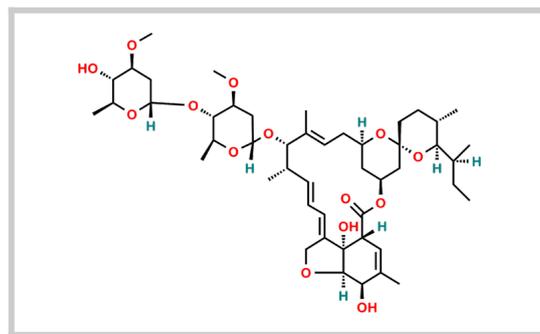
**Chemical Name :**  
22,23-Dihydroavermectin B1,

**CAT No.** : KMI079008

**CAS No.** : 70288-86-7

**Molecular Formula** : C<sub>48</sub>H<sub>74</sub>O<sub>14</sub>

**Molecular Weight** : 875.1



### Analytical Information

**Batch No.** : I079008-114-130

**Description** : White Solid

**HPLC Purity** : 96.10 %

**Weight Loss By TGA** : 0.49 %

**% Potency** : 95.63 %

**Solubility** : Water

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C NMR** : Confirm

### Additional Information

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be Shipped at Room Temperature

**% Potency** = [100 - 0.49(Weight Loss By TGA)] x [96.10(HPLC Purity)]/100 = 95.63 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		09/02/2026
<b>Reviewed &amp; Approved By</b>	Quality Control	Parag Vekariya		09/02/2026

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR and TGA