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# **CERTIFICATE OF ANALYSIS**

Analysis Date:

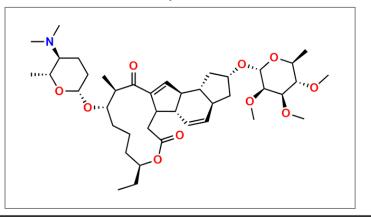
Re-test Date:

#### Product Name: Spinosad (In House Standard)

### Identification:

Chemical Name: (2R,3aS,5aS,9S,13S,14R,16aS,16bR)-13-(((2R,5S,6R)-5-(dimethylamino)-6-methyltetrahydro-2H-pyran-2-yl)oxy)-9-ethyl-14-methyl-2-(((2R,3R,4R,5S,6S)-3,4,5-trimethoxy-6-methyltetrahydro-2H-pyran-2-yl)oxy)-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-1H-as-indaceno[3,2-d][1]oxacyclododecine-7,15-dione

| Synonyms          | : NA     |        |
|-------------------|----------|--------|
| CAS Number        | : 16831  | 6-95-8 |
| CAT Number        | : CP-S24 | 4000   |
| Molecular Formula | : C41H6  | 55NO10 |
| Molecular Weight  | : 731.9  | 7      |
|                   |          |        |



## **Analytical Information:**

| Sr. No. | Test           | Result                   |  |
|---------|----------------|--------------------------|--|
| 1)      | Description    | Solid                    |  |
| 2)      | Solubility     | Soluble in Methanol/DMSO |  |
| 3)      | MASS By LCMS   | Confirm to structure     |  |
| 4)      | Purity By HPLC | >98%                     |  |
| 5)      | H1NMR          | Confirm to structure     |  |



## **Prepared and Reviewed By**

Ms Priyanka Salunkhe (Manager QC Analytical)

#### Approved By

Ms Rohini Gagare (QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.