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# **CERTIFICATE OF ANALYSIS**

Analysis Date:

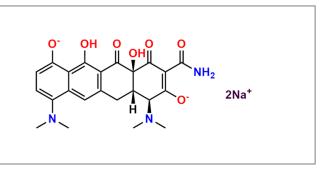
Re-test Date:

#### Product Name: Minocycline EP Impurity H

### Identification:

Chemical Name: (6aS,7S,10aS)-9-carbamoyl-4,7-bis(dimethylamino)-10a,12-dihydroxy-10,11-dioxo-6,6a,7,10,10a,11-hexahydrotetracene-1,8-bis(olate), sodium salt (1:2)

| Synonyms          | : N. | A                 |
|-------------------|------|-------------------|
| CAS Number        | : N  | A                 |
| CAT Number        | : Cl | P-M54029          |
| Molecular Formula | : C2 | 23H23N3O7 : 2(Na) |
| Molecular Weight  | : 45 | 53.45 : 2(23.0)   |



## **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.

