

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-07 17:33:19

Date of Next Testing: 2029-11-06 17:33:19

Product Name: **Minocycline hydrochloride**

CAS Number: 13614-98-7

Specifications & Purity:  $\geq 98\%$

Lot #: J2528187

SKU #: **M102970**

Version: **0**

**Analysis #:** **360088**

Storage Temperature: Store at 2-8°C

| Parameter                               | Limit Values                             | Result                                   |
|-----------------------------------------|------------------------------------------|------------------------------------------|
| Purity(HPLC)                            | 98-100 (%)                               | 98.59400 %                               |
| Potency MINOCYCLINE                     | 890-950 ( $\mu\text{g}/\text{mg}$ )      | 920.00000 $\mu\text{g}/\text{mg}$        |
| Water by Karl Fischer                   | 0-10 (%)                                 | 6.82380 %                                |
| Appearance (M102970)                    | pale yellow to yellow powder or crystals | pale yellow to yellow powder or crystals |
| Infrared spectrum                       | Conforms to Structure                    | Conforms to Structure                    |
| Proton NMR spectrum                     | Conforms to Structure                    | Conforms to Structure                    |
| Solubility in H <sub>2</sub> O(50MG/ML) | pass                                     | Pass                                     |



John Su  
QA & QC Manager