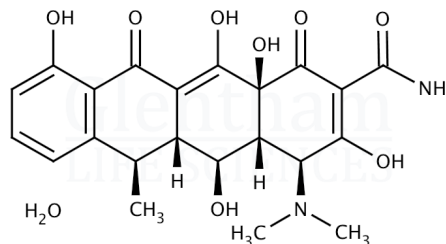


## Certificate of Analysis

|                   |                                 |
|-------------------|---------------------------------|
| Product Name      | Doxycycline monohydrate         |
| Glenthams Code    | GA1221                          |
| CAS Number        | 17086-28-1                      |
| MDL Number        | MFCD02682958                    |
| Additional CAS    | 564-25-0 (anhydrous)            |
| Additional CAS    | 10592-13-9 ( $\cdot$ HCl)       |
| Batch Number      | 563NLV                          |
| Molecular Weight  | 462.46                          |
| Molecular Formula | $C_{22}H_{24}N_2O_8 \cdot H_2O$ |
| Storage Temp.     | -20°C                           |



| Property             | Specification                   | Batch 563NLV                |
|----------------------|---------------------------------|-----------------------------|
| Physical Description | Yellow powder                   | Conforms                    |
| pH (1% in water)     | 4.8 - 6.6                       | 5.6                         |
| Water                | $\leq 5.0\%$                    | 4.2%                        |
| Assay                | $\geq 880\mu\text{g}/\text{mg}$ | 898 $\mu\text{g}/\text{mg}$ |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2019-01-20 |
| Re-Test Date          | 2027-01-20 |

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glenthams.com](http://www.glenthams.com) or contact us using the details above for the current version of this document.

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