



## Specification

### Minocycline Hydrochloride

**CAS Number:** 13614-98-7  
**Molecular Formula:** C<sub>23</sub>H<sub>27</sub>N<sub>3</sub>O<sub>7</sub> • HCl  
**Molecular Weight:** 402.4  
**Storage:** 2-8°C

Test	Specification
Appearance:	Yellow Crystalline Powder
Appearance of Solution:	Clear and Absorption
Assay (HPLC, anhydrous):	96.0 - 102.5 %
Heavy Metals :	≤ 10 ppm
pH (1% aqueous solution):	3.5 - 4.5
Related Substances:	conform
Residue on Ignition:	≤ 0.15 %
Water:	5.0 - 8.0 %

Approved:

Date: May 8, 2020

John Grubb, PhD  
Gojira Fine Chemicals  
Quality Manager  
Tel: 440-252-5397, Fax: 888-211-5523  
[docsupport@gojirafc.com](mailto:docsupport@gojirafc.com)