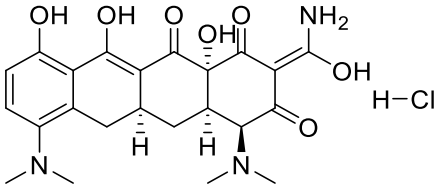




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
317115	Minocycline HCl	B7B11C07

<b>Chemical name</b>	
(4S,4aR,5aS,12aR,E)-2-(amino(hydroxy)methylene)-4,7-bis(dimethylamino)-10,11,12a-trihydroxy-4a,5a,6,12a-tetrahydrotetracene-1,3,12(2H,4H,5H)-trione hydrochloride	
<b>Synonyms</b>	
Minocycline HCl; NSC 141993; Mynocine hydrochloride; Periocline; Klinomycin; Minocin; Solodyn; Tri-mino; Vectrin; Ximino;	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 317115 Name: Minocycline HCl Lot# B7B11C07 CAS#: 13614-98-7 (HCl) Chemical Formula: C <sub>23</sub> H <sub>28</sub> ClN <sub>3</sub> O <sub>7</sub> Molecular Weight: 493.94

<b>Analysis item</b>	<b>Specifications / Results</b>
<b>Appearance</b>	Yellow crystalline powder
<b>Structure</b>	<sup>1</sup> H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
<b>Purity (HPLC)</b>	>98.0%
<b>Solubility</b>	Soluble in DMSO
<b>Conclusion</b>	This product conforms with MedKoo's quality standards
<b>Shipping condition</b>	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
<b>Storage condition</b>	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
<b>Shelf life</b>	At least 5 years if properly stored.

**CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE**