

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	14302
<b>Lot Number</b>	002781-20210318
<b>Product</b>	<b>Minocycline hydrochloride</b> Minocin
<b>CAS Number</b>	13614-98-7
<b>Molecular Formula</b>	C <sub>23</sub> H <sub>27</sub> N <sub>3</sub> O <sub>7</sub> •HCl
<b>Molecular Weight</b>	493.94

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<b>Appearance</b>	Yellow crystalline powder
<b>Water Content (Karl Fisher)</b>	7.3%
<b>pH</b>	4
<b>Infrared Spectrum</b>	Conforms to structure
<b>Residual Solvents</b>	Methyl alcohol : 0.015%
<b>Related Substances</b>	4-Epiminocycline : 0.3% Total Impurity (No 4-Epiminocycline) : 1%
<b>Residue On Ignition</b>	0.01%
<b>Assay</b>	919 µg/mg
<b>Storage</b>	Store at 0 - 8 °C
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager