

# Chem-Impex International, Inc.

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

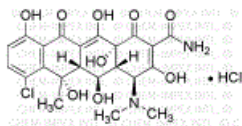
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---



## Product Specifications

<b>Catalogue Number</b>	01588
<b>Product</b>	<b>Chlortetracycline hydrochloride</b> 7-Chlorotetracycline hydrochloride
<b>CAS Number</b>	64-72-2
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>23</sub> ClN <sub>2</sub> O <sub>8</sub> •HCl
<b>Molecular Weight</b>	515.3

---

<b>Appearance</b>	Yellow crystalline powder
<b>Crystallinity</b>	To pass test
<b>pH</b>	2.3 - 3.3
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -235 to -250 °
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	≤ 2%
<b>Potency (as is)</b>	≥ 900 mg
<b>Grade</b>	Meets USP specification
<b>Storage</b>	Store at 0 - 8 °C
<b>Additional Information</b>	Identification : Test for A, B : To pass test Sterility test : To pass test

**For Laboratory Use Only**