

# *Chem-Impex International, Inc.*

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**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

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## *Product Specifications*

<b>Catalogue Number</b>	38496
<b>Product</b>	<b>Tetracycline hydrochloride powder</b> Achromycin hydrochloride
<b>CAS Number</b>	64-75-5
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>24</sub> N <sub>2</sub> O <sub>8</sub> •HCl
<b>Molecular Weight</b>	480.9

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<b>Warnings</b>	<i>Toxic! Light sensitive!</i>
<b>Appearance</b>	Yellow crystalline powder
<b>Melting Point</b>	220 - 223 °C
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = -240 to -255 °
<b>Potency (Anhydrous Basis)</b>	≥ 900 mg/mg
<b>Grade</b>	suitable for cell culture
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**