

# Chem-Impex International, Inc.

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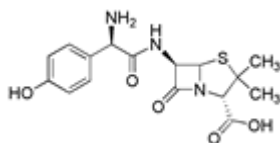
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	02866
<b>Product</b>	<b>Amoxicillin Trihydrate</b>
<b>CAS Number</b>	61336-70-7
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>19</sub> N <sub>3</sub> O <sub>5</sub> S • 3H <sub>2</sub> O
<b>Molecular Weight</b>	419.45

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Slightly soluble in water and in methanol; insoluble in benzene, in carbon tetrachloride, and in chloroform
<b>Crystallinity</b>	Shows birefringence and extinction positions
<b>Water Content (Karl Fisher)</b>	11.5-14.5%
<b>pH</b>	3.5-6.0
<b>Infrared Spectrum</b>	Conforms to structure
<b>Related Substances</b>	Dimethylaniline: ≤ 20 ppm
<b>Potency (Anhydrous Basis)</b>	900-1050 µg/mg
<b>Storage</b>	Store at 0-8°C

**For Laboratory Use Only**