

# 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

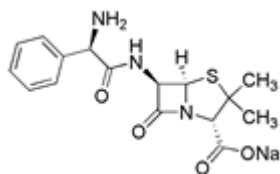
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---



## Product Specifications

<b>Catalogue Number</b>	00516
<b>Product</b>	<b>Ampicillin sodium salt</b> D(-)- $\alpha$ -Aminobenzylpenicillin sodium salt 6-[D(-)- $\alpha$ -Aminophenylacetamido]penicillanic acid sodium salt
<b>CAS Number</b>	69-52-3
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>18</sub> N <sub>3</sub> O <sub>4</sub> SNa
<b>Molecular Weight</b>	371.39

---

<b>Appearance</b>	White to off-white crystalline powder
<b>Crystallinity</b>	To pass test
<b>Water Content (Karl Fisher)</b>	$\leq 2\%$
<b>pH</b>	8 - 10
<b>Residual Solvents</b>	Dimethylaniline : To pass test Methylene chloride : $\leq 0.2\%$
<b>Bacterial Endotoxins</b>	$\leq 0.15$ EU/mg
<b>Potency (Anhydrous Basis)</b>	845 - 988 mg/mg
<b>Grade</b>	Meets USP Specification
<b>Storage</b>	Store at 0 - 8 °C
<b>Additional Information</b>	Identification : Test A : Infrared spectrum : Conforms to structure Test B : Test for Sodium : To pass test Sterility test : To pass test

**For Laboratory Use Only**