

# **Chem-Impex International, Inc.**

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Manufacturing site:

825 Dillon Drive

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## **Certificate of Analysis**

<b>Catalog Number</b>	02473
<b>Product Name</b>	<b>Penicillin G sodium salt</b> Benzylpenicillin
<b>Lot Number</b>	001772-31251918
<b>CAS Registry Number</b>	69-57-8
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>17</sub> N <sub>2</sub> O <sub>4</sub> SNa
<b>Molecular Weight</b>	356.48
<b>Appearance</b>	Fine white powder
<b>Crystallinity</b>	Complies to standard
<b>Solubility (0.1% aqueous solution at room temperature using frequent agitation)</b>	Completely soluble; clear, colorless solution.
<b>pH (0.1% aqueous solution potentiometrically determined)</b>	5.86
<b>Infrared Spectra using KBr pellet technique</b>	Sample spectrum exhibits maxima and minima only at the same wavelength as the standard.
<b>Identification (Sodium)</b>	Complies to standard
<b>Loss on Drying</b>	0.4%
<b>Residual solvent impurity</b>	Complies to standard
<b>Potency (anhydrous)</b>	1650 U/mg
<b>Manufacturing Date</b>	May 20, 2015
<b>Storage</b>	Store at 2-8 °C
<b>Remark</b>	See material safety data sheets 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**