

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	30702
<b>Lot Number</b>	002598-20160201
<b>Product</b>	<b>Allantoin</b>  5-Ureidohydantoin  Glyoxylic(acid) diureide
<b>CAS Number</b>	97-59-6
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>6</sub> N <sub>4</sub> O <sub>3</sub>
<b>Molecular Weight</b>	158.12

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Slightly soluble in Water and very slightly soluble in Alcohol.
<b>Density</b>	1.45
<b>Acidity &amp; Alkalinity</b>	Conform
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -0.10 to +0.10°
<b>Infrared Spectrum</b>	Conforms to referance
<b>Reducing Substances</b>	Conform
<b>Loss on Drying</b>	< 0.1%
<b>Related Substances</b>	Any individual organic impurity: < 0.5%
<b>Residue On Ignition</b>	< 0.1%
<b>Assay</b>	99.8%
<b>Purity by TLC</b>	Conforms to standard
<b>Grade</b>	USP
<b>Storage</b>	Store at RT

# *Certificate of Analysis*

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**Remarks**

See material safety data sheet 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**