

# *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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## *Certificate of Analysis*

<b>Catalogue Number</b>	00712
<b>Lot Number</b>	001150-03201808005
<b>Product</b>	<b>Adenine</b> 6-Aminopurine
<b>CAS Number</b>	73-24-5
<b>Molecular Formula</b>	C <sub>5</sub> H <sub>5</sub> N <sub>5</sub>
<b>Molecular Weight</b>	135.13

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<b>Appearance</b>	Almost white crystalline powder
<b>Elemental Analysis (Theory)</b>	Nitrogen content: 50.8%
<b>Heavy Metals</b>	< 10 ppm
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	0.2%
<b>Organic Volatile Impurities</b>	Meets the requirements
<b>Related Substances</b>	Individual impurity: 0.1% Total impurities: 0.1%
<b>Residue On Ignition</b>	0.1%
<b>Assay by titration</b>	100.4% (anhydrous basis)
<b>Grade</b>	USP
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Identification B: The retention time of the major peak of the Sample solution corresponds to that of the Standard solution, as obtained in the Assay.

# *Certificate of Analysis*

Catalog Number: 00712

Lot Number: 001150-03201808005

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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**