

# 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>	00011
<b>Lot Number</b>	001237-21613
<b>Product</b>	<b>Adenosine-5'-diphosphate trilithium salt</b>

5'-ADP•3Li

Adenosine-5'-diphosphoric acid trilithium salt

<b>CAS Number</b>	31008-64-7
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> O <sub>10</sub> P <sub>2</sub> Li <sub>3</sub>
<b>Molecular Weight</b>	445.0

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear colorless solution (50 mg/mL water)
<b>Water Content (Karl Fisher)</b>	15.8%
<b>pH</b>	9.8
<b>UV Ratios</b>	Ratio of Absorbance: A <sub>250</sub> /A <sub>260</sub> : 0.78 A <sub>280</sub> /A <sub>260</sub> : 0.16
<b>Purity by HPLC</b>	99.5%
<b>Purity by UV</b>	99%
<b>Storage</b>	Store at -20 °C

<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only
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**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**