

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	00186
<b>Lot Number</b>	001237-21713
<b>Product</b>	<b>Inosine-5'-diphosphate trisodium salt</b>

5'-IDP•3Na

Inosine-5'-diphosphoric acid trisodium salt

<b>CAS Number</b>	81012-88-6
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>11</sub> N <sub>4</sub> O <sub>11</sub> P <sub>2</sub> Na <sub>3</sub>
<b>Molecular Weight</b>	494.1

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<b>Appearance</b>	Off-white powder
<b>Solubility</b>	Clear colorless solution at 50 mg/ml in water
<b>Water Content (Karl Fisher)</b>	11.3%
<b>UV Ratios</b>	A <sub>250/260</sub> = 1.50 A <sub>280/260</sub> = 0.18
<b>Purity by HPLC</b>	93.2%
<b>Purity by UV</b>	99% (on dry basis)
<b>Storage</b>	Store at ≤ -20 °C
<b>Remarks</b>	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