

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	00502
<b>Lot Number</b>	002922-180706
<b>Product</b>	<b>Inosine-5'-monophosphate disodium salt hydrate</b> 5'-IMP•2Na•H <sub>2</sub> O
<b>CAS Number</b>	4691-65-0
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>11</sub> N <sub>4</sub> O <sub>8</sub> PNa <sub>2</sub>
<b>Molecular Weight</b>	392.2

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<b>Appearance</b>	White or off-white crystalline powder
<b>Heavy Metals</b>	< 10 ppm
<b>Cation</b>	Arsenic : 0.03 ppm Lead : 0.02 ppm
<b>Water Content (Karl Fisher)</b>	25.6%
<b>pH</b>	7.9
<b>Yeast and Mold</b>	< 30 cfu/g
<b>Coliform Organisms</b>	Absence/10g
<b>E. Coli</b>	Absent
<b>Microbial Count</b>	100 cfu/g (TPC)
<b>Salmonella</b>	Absent
<b>Assay by titration</b>	99.58%
<b>Storage</b>	Store at 0-8°C

# *Certificate of Analysis*

Catalog Number: 00502

Lot Number: 002922-180706

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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**