

# Chem-Impex International, Inc.

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Manufacturing site:

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## Certificate of Analysis

<b>Catalogue Number</b>	00388
<b>Lot Number</b>	000331-47675
<b>Product</b>	<b>Guanine</b> 2-Amino-6-hydroxypurine 2-Aminohypoxanthine
<b>CAS Number</b>	73-40-5
<b>Molecular Formula</b>	C <sub>5</sub> H <sub>5</sub> N <sub>5</sub> O
<b>Molecular Weight</b>	151.13

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear to slightly hazy, colorless to light yellow or yellow-green solution (25 mg/mL, 5M HCl)
<b>Melting Point</b>	> 300 °C
<b>Heavy Metals</b>	< 10 ppm (as Pb)
<b>Loss on Drying</b>	0.31%
<b>Residue On Ignition</b>	0.034%
<b>Assay</b>	99.3%
<b>Storage</b>	Store at 0 - 8°C
<b>Additional Information</b>	Identification : Passes test
<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