

## RAW MATERIAL SPECIFICATION

<b>Raw Material Information</b>	
<b>Raw Material Name</b>	<b>Copper Gluconate</b>

<b>Analysis</b>	<b>Specification</b>	<b>Methods</b>
<b>Assay:</b> <b>Elemental Copper</b>	NLT 13%	<b>USP</b>
<b>Physical Control</b>		
Appearance	Blue crystalline powder	<b>Visual</b>
Identification	Positive	<b>USP</b>
Melting Point	154°C - 157°C	<b>Liquid Paraffin</b>
Loss on Drying	NMT 4%	<b>KFT</b>
<b>Chemical Control</b>		
PH	5.0 - 6.1	<b>Potentiometry</b>
Specific Rotation	+ 15°	<b>Polarimetry</b>
Residue on Ignition	NMT 5%	<b>BP</b>
Heavy Metals	NMT 10ppm	<b>Colourimetry</b>
Arsenic	NMT 2ppm	<b>Colourimetry</b>
Lead	NMT 1ppm	<b>Colourimetry</b>

<b>General Information</b>	
Conclusion	Conform to specification.
Storage	Keep in cool & dry place. Keep away from strong light and heat.
Shelf Life	2 years when properly stored.

Quality Assurance \_\_\_\_\_ Approved by \_\_\_\_\_

Date \_\_\_\_\_ Date \_\_\_\_\_