

# ***Chem-Impex International, Inc.***

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## ***Certificate of Analysis***

<b>Catalogue Number</b>	00149
<b>Lot Number</b>	001204-15033417
<b>Product</b>	<b>Gentamicin sulfate</b> Gentamycin sulfate
<b>CAS Number</b>	1405-41-0

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<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Freely soluble in Water. Practically insoluble in Alcohol.
<b>pH</b>	4.9
<b>Optical Rotation</b>	+117°
<b>Loss on Drying</b>	8.6%
<b>Residual Solvents</b>	Methanol: ≤ 1.0%
<b>Bacterial Endotoxins</b>	< 0.71 IU/mg
<b>Related Substances</b>	C1: 25.4% C1a: 31.3% C2+C2a: 43.2%
<b>Residue On Ignition</b>	< 1.0%
<b>Potency (Anhydrous Basis)</b>	661 µg/mg
<b>Potency (as is)</b>	602 µg/mg
<b>Storage</b>	Store at 0-8 °C
<b>Additional Information</b>	Identification: Meets the requirements. Sterility: Meets the requirements.
<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**