



# INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: [www.indofinechemical.com](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## *Certificate of Analysis*

Catalogue Number G0124  
Lot Number 001204-15033417  
Product **Gentamicin sulfate**

Gentamycin sulfate

CAS Number 1405-41-0

---

<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

Prepared by:  
*Ramesh Mandadi*  
Ramesh Mandadi  
Director of Operations

Reviewed and Approved by:  
*Sujata Moton*  
Sujata Moton  
VP