

# Chem-Impex International, Inc.

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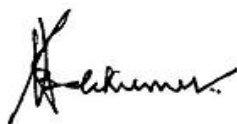
## Certificate of Analysis

<b>Catalogue Number</b>	00195
<b>Lot Number</b>	001204-20160808
<b>Product</b>	<b>Kanamycin monosulfate</b> Kanamycin A Kanamycin sulfate salt
<b>CAS Number</b>	25389-94-0
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>36</sub> N <sub>4</sub> O <sub>11</sub> •H <sub>2</sub> SO <sub>4</sub>
<b>Molecular Weight</b>	582.6

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<b>Appearance</b>	White crystalline powder
<b>pH</b>	7.8
<b>Optical Rotation</b>	[α] <sub>D</sub> = +119°
<b>Loss on Drying</b>	0.7%
<b>Sulfated Ash</b>	0.06%
<b>Potency (Anhydrous Basis)</b>	767 U/mg
<b>Grade</b>	BP
<b>Storage</b>	Store at 0-8 °C
<b>Pyrogen</b>	To be approved in a solution containing 10 mg per mL
<b>Additional Information</b>	Identity = Positive Kanamycin B: < 4% (TLC) Abnormal toxicity approved in a solution containing 2mg per mL Sulfate = 16%
<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