

Certificate of Analysis

Date of Testing: 2023-08-22 17:19:38
Date of Next Testing: 2026-08-21 17:19:38
Product Name: **Josamycin**
CAS Number: 16846-24-5
Specifications & Purity: ≥ 900 U/mg
Lot #: H2318118
SKU #: **J463189**
Analysis: 256140
Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
Assay(dried substance)	≥ 900 (U/mg)	1002.00000 U/mg
Drying loss	≤ 1 (%)	0.46000 %
Residue on Ignition	0-0.2 (%)	0.01000 %
Specific Rotation $[\alpha]_{20/D}$ (10mg/ml in EtOH)	78-85 ($^{\circ}$)	-73.97 $^{\circ}$
Appearance(J463189)	White or light yellow powder	White or light yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager