

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-18 11:02:21  
Date of Next Testing: 2027-03-18 11:02:21  
Product Name: **Josamycin**  
CAS Number: 16846-24-5  
Specifications & Purity:  $\geq 900$ U/mg  
Lot #: C2408009  
SKU #: **J463189**  
**Analysis:** **256140**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Assay(dried substance)	$\geq 900$ (U/mg)	1002.00000 U/mg
Drying loss	$\leq 1$ (%)	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