

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-11-28 09:02:56

Date of Next Testing: 2028-11-27 09:02:56

Product Name: **Josamycin**

CAS Number: 16846-24-5

Specifications & Purity: $\geq 900\text{U/mg}$

Lot #: K2517152

SKU #: **V34183**

Version: **0**

Analysis #: **614249**

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 (%)	0.85751 %
Residue on Ignition	0-0.2 (%)	0.00000 %
Specific Rotation $[\alpha]_{20/D}$ (10mg/ml in EtOH)	$-75 \sim -65$ ($^{\circ}$)	-71.27°
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance(V34183)	White or light yellow powder	White or light yellow powder

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

