

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Josamycin Propionate**  
Specifications & Purity:  $\geq 90\%$   
SKU #: **J1455991**

Parameter	Limit Values
Appearance(J1455991)	White to slightly yellowish crystalline or powder
Identify(UV)	Conform
Identify(TLC)	Pass
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})(\text{anhydrous})$	-75~-65 ( $^{\circ}$ )
A3 Leucomycin propionate A3	90-100 (%)
Loss on drying	0-1 (%)
Sulfated Ash	0-0.2 (%)
Heavy metals	0-20 (ppm)
Particle size(D90)	$\leq 20$ ( $\mu\text{m}$ )
Total aerobic microbial count (TAMC)	0-1000 (cfu/g)
Microbial Limit Total yeasts and moulds count	$\leq 100$ (cfu/g)
Escherichia coli should not be detected in 1g of the test article	Conforms
Efficacy	$\geq 843$ (U/mg)