



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	BIO-346
Lot Number	002943-20230612
Product	Rifampicin 3-(4-Methylpiperazinyliminomethyl)rifamycin SV Rifampin
CAS Number	13292-46-1
Molecular Formula	$C_{43}H_{58}N_4O_{12}$
Molecular Weight	823

Appearance	Red-brown crystalline powder
Solubility	Very slightly soluble in water Freely soluble in chloroform Soluble in ethylacetate and in methanol
Crystallinity	Passes test
pH	4.9
Mould and Yeast	< 100 cfu/g
Loss on Drying	0.5% (60 °C, 4h)
Residual Solvents	Acetone : < 5000 ppm 1-Butanol : < 5000 ppm Ethyl acetate : < 5000 ppm Butyl Acetate : < 5000 ppm N,N-Dimethylformamide : < 880 ppm
E. Coli	Absent
Microbial Count	< 1000 cfu/g (TAC)
Related Substances	Rifampin quinone : 0.1% Any other individual related substance : 0.6% Total impurities other than Rifampin quinone : 1.6%
Assay	99.5% (On dry basis)
Grade	Meets USP Specification
Storage	Store at 0 - 8 °C

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