



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-254949
Lot Number: SAMPLE
Product Name: Azithromycin
CAS Number: 83905-01-5
Molecular Formula: $C_{38}H_{72}N_2O_{12}$
Molecular Weight: 748.98

Test	Specification	Result
Appearance	White crystalline powder	Complies
Assay	945-1030 ug/mg (as dry basis)	958 ug/mg
Identification (HPLC)	Conforms to structure	Complies
Identification (Infrared Spectrum)	Conforms to structure	Complies
pH	9.0 - 11.0	10.0
Residue on Ignition	$\leq 0.3 \%$	0.1 %
Specific Rotation	-45 ° to -49 °	-46.9 °
Heavy Metals	≤ 25 ppm	Complies
Water Content	4.0-5.0 %	4.5 %

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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