



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-477645
Lot Number: SAMPLE
Product Name: Mupirocin Calcium Salt
CAS Number: 115074-43-6
Molecular Formula: $C_{26}H_{46}CaO_{10}$
Molecular Weight: 538.68

Test	Specification	Result
Appearance	White crystalline powder	Complies
Identification (Infrared Spectrum)	Consistent with standard	Complies
Purity	93.0 - 100.5%	94.2%
Specific Rotation	-16° - -20°	-19.0°
Related Substances	Pseudomonic acid D: ≤ 2.5% Total impurities: < 4.5%	2.2 % 4.4 %
Chloride	< 0.5%	Complies
Ethyl Acetate	< 5000 ppm	46 ppm
Methanol	< 3000 ppm	53 ppm
Water Content	3.0% - 4.5%	4.4%

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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