



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-295356  
Lot Number: SAMPLE  
Product Name: Leucomycins  
CAS Number: 1392-21-8  
Molecular Formula:  $C_{40}H_{67}NO_{14}$   
Molecular Weight: 785.96

Test	Specification	Result
Appearance	White or almost white powder	Complies
Composition	Kitasamycin A1: 3.0 - 15.0 % Kitasamycin A4: 5 - 25 % Kitasamycin A5: 35 - 70 % Kitasamycin A13: 3.0 - 15.0 % Kitasamycin A(9+8+7+6+5+4+1+3+13): ≥85%	7.5% 14% 44% 7.9% 92%
Residue on Ignition	≤0.5%	0.2%
Alkalinity	8.0-10.0	8.9
Potency	≥1300U/mg (anhydrous basis) Wet basis	1581 U/mg 1552 U/mg
Water Content	≤3.0%	2.2%

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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