



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-211668
Lot Number: SAMPLE
Product Name: Isochlortetracycline
CAS Number: 514-53-4
Molecular Formula: $C_{22}H_{23}ClN_2O_8$
Molecular Weight: 478.88

Test	Result
Appearance	Pale Beige Solid
Identification (1H-NMR)	Complies
Identification (Mass Spectrometry)	Complies
Purity (TLC)	96%
Elemental Analysis	(Found) %C: 52.59, %H: 5.13, %N: 5.51; (Calculated) %C: 55.18, %H: 4.84, %N: 5.85
Melting Point	>178°C (dec.)
Solubility	Aqueous Base (Slightly), DMSO (Slightly), Methanol (Slightly, Heated)
Water Content	4.7% based on Elemental Analysis

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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