



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-251082
Lot Number: SAMPLE
Product Name: Sulfadiazine sodium salt
CAS Number: 547-32-0
Molecular Formula: $C_{10}H_9N_4NaO_2S$
Molecular Weight: 272.26

Test	Specification	Result
Appearance	Off-white powder	Off-white powder
Identification (1H -NMR)	Complies with structure	Complies
Identification (^{13}C -NMR)	Complies with structure	Complies
Purity (Titration)	$\geq 98\%$	100 %
Solubility	50 mg/ml water	50 mg/ml water
Solution (Color)	Colorless to very faint yellow	Very faint yellow
Solution (Turbidity)	Clear	Clear

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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