



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-234296
Lot Number: SAMPLE
Product Name: Cephadrine
CAS Number: 38821-53-3
Molecular Formula: $C_{16}H_{19}N_3O_4S$
Molecular Weight: 349.40

Test	Specification	Result
Appearance	White to off-white powder	Complies
Crystallinity	Anistropic and show birefringence	Complies
Assay	$\geq 90\%$	97.3%
pH	3.5 - 6.0	4.9
Residue on Ignition	$\leq 0.2\%$	$< 0.1\%$
Heavy Metals	≤ 20 ppm	Complies
Related Substances	Dihydrophenlglycine $\leq 1.0\%$ 7-ADCA $\leq 1.0\%$	0.3% 0.002%
Water Content	$\leq 6.0\%$	3.6%

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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