



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-200727
Lot Number: SAMPLE
Product Name: Bumetanide (Ro 10-6338)
CAS Number: 28395-03-1
Molecular Formula: $C_{17}H_{20}N_2O_5S$
Molecular Weight: 364.4

Test	Specification	Result
Identification (Infrared Spectrum)	Consistent with standard	Complies
Identification (Mass Spectrometry - ESI)	MH+: 365.3	365.1
Purity (HPLC)	≥ 98%	100.0% Retention Time Actual.: 5.20 min
Purity (TLC)	≥ 98%	100.00% Rf: 0.59
Melting Point	230 - 239 °C	234 - 235 °C
UV/Visible Spectrum	λ_{max} 1: 339 nm λ_{max} 2: 262 nm λ_{max} 3: 228 nm	λ_{max} 1: 341 nm λ_{max} 2: 262 nm λ_{max} 3: 226 nm

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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