



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-202136
Lot Number: SAMPLE
Product Name: Diclofenac Sodium
CAS Number: 15307-79-6
Molecular Formula: $C_{14}H_{10}Cl_2NO_2 \cdot Na$
Molecular Weight: 318.13

Test	Specification	Result
Identification (Infrared Spectrum)	Consistent with standard	Complies
Identification (Mass Spectrometry)	M-H+: 294.0 -CO ₂ : 250.0	M-H+: 294.6 -CO ₂ : 249.9
Purity (TLC)	≥ 99%	100.00% Rf: 0.58
Melting Point	270 - 290 °C (dec.)	273 - 278 °C (dec.)
λ _{max}	285 nm	Complies

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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