



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-254923
Lot Number: SAMPLE
Product Name: α -Cyano-4-hydroxycinnamic acid
CAS Number: 28166-41-8
Molecular Formula: $C_{10}H_7NO_3$
Molecular Weight: 189.17

Test	Specification	Result
Appearance	Light yellow to very dark yellow powder	Light yellow powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 96.5\%$	99.9%
Solution (Color)	Light yellow to dark yellow solution at 50 mg/ml in methanol	Light yellow solution at 50 mg/ml in methanol
Solution (Turbidity)	Clear to slightly hazy solution at 50 mg/ml in methanol	Clear solution at 50 mg/ml in methanol
Carbon Content	61.3 - 65.7%	63.6%
Nitrogen Content	7.1 - 7.7%	7.6%

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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