



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-207814A
Lot Number: SAMPLE
Product Name: L-Tyrosine 7-amido-4-methylcoumarin
CAS Number: 94099-57-7
Molecular Formula: $C_{19}H_{18}N_2O_4$
Molecular Weight: 338.36

Test	Specification	Result
Appearance (Color)	White to light yellow	White
Appearance (Form)	Powder	Complies
Identification (FTIR)	Consistent with reference spectrum	Complies
Identification (TLC)	Consistent with reference material	Complies
Purity (TLC)	$\geq 99\%$	$> 99\%$
Solution (Color)	Colorless to slightly yellow	Colorless
Solution (Turbidity)	≤ 2.0 NTU	1.0 NTU
Specific Rotation ($\alpha_{20/D}$)	155.0 - 161.0°	155.4°
Free Aminomethylcoumarin	≤ 50 mg/kg	< 50 mg/kg
Water Content (KF)	$\leq 2.0\%$	0.4%

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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