



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-281542
Lot Number: SAMPLE
Product Name: L-Glutamic acid gamma-(7-amido-4-methylcoumarin)
CAS Number: 72669-53-5
Molecular Formula: $C_{15}H_{16}N_2O_5$
Molecular Weight: 304.310

Test	Specification	Result
Appearance (Color)	white to off-white	white
Appearance (Form)	powder	powder
Purity (TLC)	> 99.0 area-%	>99.0 area-%
Purity (TLC)	< 100 mg/kg	<50 mg/kg
Solution (Turbidity)	< 4.0 NTU	2.1 NTU
Color of Solution	colorless to slightly yellow	almost colorless
FTIR	corresponds to reference spectrum	Complies
Optical Rotation ($\alpha_{20/D}$)	9.5 to 11.5	9.5
Water Content (KF)	< 8.0%	5.7%

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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com