



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-211703
Lot Number: SAMPLE
Product Name: L-Glutamic acid ©-(p-nitroanilide) hydrochloride
CAS Number: 67953-08-6
Molecular Formula: $C_{11}H_{13}N_3O_5 \cdot HCl$
Molecular Weight: 303.70

Test	Specification	Result
Appearance		Off-white powder
Identification		Complies
Identification (FTIR)		Complies
Purity (TLC)		$\geq 98\%$
Melting Point		189 °C
Optical Rotation	$+30 \pm 5^\circ$ (C = 1, 0.1N HCl)	$+32.0^\circ$ at 24.3 °C
λ_{max}	317 ± 5 nm (water)	314 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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