



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-215216  
Lot Number: SAMPLE  
Product Name: L-Glutamic acid  $\gamma$ -(4-methoxy- $\beta$ -naphthylamide)  
CAS Number: 24723-50-0  
Molecular Formula:  $C_{16}H_{18}N_2O_4$   
Molecular Weight: 302.33

Test	Specification	Result
Appearance	White to light pink powder	Off-white powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)	$\geq 98\%$	100.0%
Solubility	Clear ( $< 3.5$ NTU) and colorless to faint yellow at 25 mg/ml in 1 N hydrochloric acid: ethanol (1: 1)	Clear colorless
Carbon Content	62.0 - 65.8% (anhydrous basis)	63.4%
Nitrogen Content	8.9 - 9.6% (anhydrous basis)	9.2%
Water Content		10.7%

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.

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