



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-295281A  
Lot Number: SAMPLE  
Product Name: L-Glutamic acid beta-naphthylamide  
CAS Number: 635-86-9  
Molecular Formula:  $C_{15}H_{16}N_2O_3$   
Molecular Weight: 272.3

Test	Result
Appearance	Off-white powder
Assay	88.2% (Nfd 9.08% by elemental analysis)
Purity (TLC)	> 99%
Melting Point	167 °C
Solution	Clear, slightly brown solution (50 mg/mL in acetic acid 80%)
Optical Rotation ( $\alpha_{24/D}$ )	68.5° (1% in acetic acid 80%)
Related Substances	$\beta$ -naphthylamide : < 0.1%
Water Content (KF)	3.4%

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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