



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215218
Lot Number: SAMPLE
Product Name: L-Glutamic acid monosodium salt
CAS Number: 142-47-2
Molecular Formula: $C_5H_8NO_4 \cdot Na$
Molecular Weight: 169.11

Test	Specification	Result
Appearance		White crystal solid
Identification	Passes	Complies
Purity	$\geq 99\%$	99.56%
pH	6.7 - 7.2 (5% aq soln)	6.94
Solubility	Clear and colorless solution at 10% aq soln	Complies
Optical Rotation	+20° - +36° (c = 1, 1N HCl)	+25.3° (c = 1, 1N HCl)
Heavy Metals (Pb)		< 10 ppm
Loss on Drying	< 0.5%	0.13%
Arsenic		< 2 ppm
Chloride		0.025%
Coliform		Negative
E. Coli		Negative
Salmonella		Negative
Total of Bacteria		< 1000/g

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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