



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-479059
Lot Number: SAMPLE
Product Name: L-Glutamic acid dibenzyl ester 4-toluenesulfonate salt
CAS Number: 2791-84-6
Molecular Formula: $C_{19}H_{21}NO_4 \cdot C_7H_8O_3S$
Molecular Weight: 499.60

Test	Result
Appearance	White powder
Enantiomeric Content	$\leq 0.5\%$ (D-Enantiomer)
Identification (Infrared Spectrum)	Consistent with structure
Purity (HPLC)	98.1%
Melting Point	137.9 - 139.2 °C
Specific Rotation ($\alpha_{20/D}$)	+8.3° (c=1, MeOH)
Loss on Drying	0.38%
Other Amino Acids	$\leq 0.5\%$

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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