



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-253502
Lot Number: SAMPLE
Product Name: (S)-(+)-5-Oxo-2-tetrahydrofurancarboxylic acid
CAS Number: 21461-84-7
Molecular Formula: $C_5H_6O_4$
Molecular Weight: 130.10

Test	Specification	Result
Enantiomeric Excess	$\geq 98.0\%$ (GC)	99.9%
Purity (GC)	$\geq 98.0\%$	99.6%
Purity (Neutralization Titration)	$\geq 98.0\%$	98.5%
Melting Point	71.0 °C - 75.0 °C	71.5 °C
Specific Rotation ($\alpha_{20/D}$)	+14.0° - +17.0°	+15.1°

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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