



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-301651
Lot Number: SAMPLE
Product Name: (R,R)-Bicyclo[2.2.1]heptane-2,5-dione
CAS Number: 145092-77-9
Molecular Formula: $C_7H_8O_2$
Molecular Weight: 124.14

Test	Specification	Result
Appearance (Color)	White to light beige	Faint beige
Appearance (Form)	Powder or solid or crystals or crystalline chunk(s) or chunk(s)	Powder
Identification (1H -NMR)	Consistent with structure	Complies
Purity (GC)	$\geq 97.5\%$	99.8%
Specific Rotation ($\alpha_{20/D}$)	$+4.5 \pm 1.0^\circ$ (c = 1, chloroform)	$+4.3^\circ$
Carbon Content	67.43 - 68.03%	67.56%
Hydrogen Content	6.20 - 6.80%	6.65%

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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