



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-229188
Lot Number: SAMPLE
Product Name: (S)-(-)-4-(Methoxymethyl)-1,3-dioxolan-2-one
CAS Number: 135682-18-7
Molecular Formula: $C_5H_8O_4$
Molecular Weight: 132.11

Test	Specification	Result
Enantiomeric Content (GC)	$\geq 98.0\%$	98.6%
Enantiomeric Excess	$\geq 98.0\%$	98.6%
Specific Gravity	1.2420 - 1.2460	1.2444
Refractive Index (n ₂₀ /D)	1.4350 - 1.4390	1.4365
Specific Rotation (α ₂₀ /D)	-44.0 - -47.0° (neat)	-45.3°

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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