



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-208351
Lot Number: SAMPLE
Product Name: (S)-2-Hydroxy-4-phenylbutyric Acid Ethyl Ester
CAS Number: 125639-64-7
Molecular Formula: $C_{12}H_{16}O_3$
Molecular Weight: 208.25
Native Source: Synthetic

Test	Specification	Result
Appearance	Pale yellow to dark yellow oil	Clear yellow to dark yellow oil
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity		98%
Purity (HPLC)	> 95%	98.99% (210 nm)
Specific Rotation		+19.3° (c = 1.0, Chloroform)
Carbon Content	69.21%	69.09%
Hydrogen Content	7.74%	7.90%

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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