



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-484763
Lot Number: SAMPLE
Product Name: (S)-(-)-1,2,4-Butanetriol
CAS Number: 42890-76-6
Molecular Formula: $C_4H_{10}O_3$
Molecular Weight: 106.12

Test	Specification	Result
Appearance	Colorless to light yellow viscous liquid	Colorless viscous liquid
Enantiomeric Excess	$\geq 98.5\%$	100.0%
Purity (GC)	$\geq 97.5\%$	99.7%
Infrared Spectrum	Conforms to structure	Complies
Optical Rotation	-30 - -26	-27
Refractive Index	1.473 - 1.477	1.474

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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